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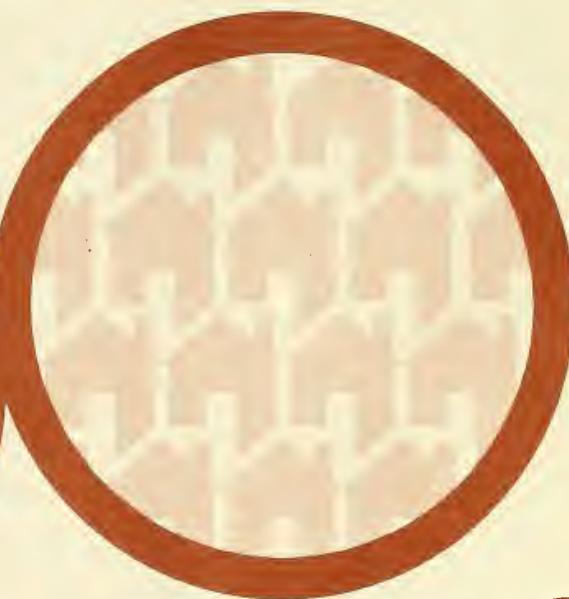
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# Metropolitan Housing Characteristics

**SPRINGFIELD, MO.**

STANDARD METROPOLITAN STATISTICAL AREA

1980



**Census of  
Housing**

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# 1980 Census of Housing

VOLUME 2

## Metropolitan Housing Characteristics

**SPRINGFIELD, MO.**

HC80-2-339

Issued October 1983



**U.S. Department of Commerce**  
Malcolm Baldrige, Secretary  
Robert G. Dederick,  
Under Secretary for  
Economic Affairs

**BUREAU OF THE CENSUS**  
C. L. Kincannon, Acting Director

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## BUREAU OF THE CENSUS

C. L. Kincannon, Acting Director

### HOUSING DIVISION

Arthur F. Young, Chief

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## List of HC80-2, Metropolitan Housing Characteristics, Reports

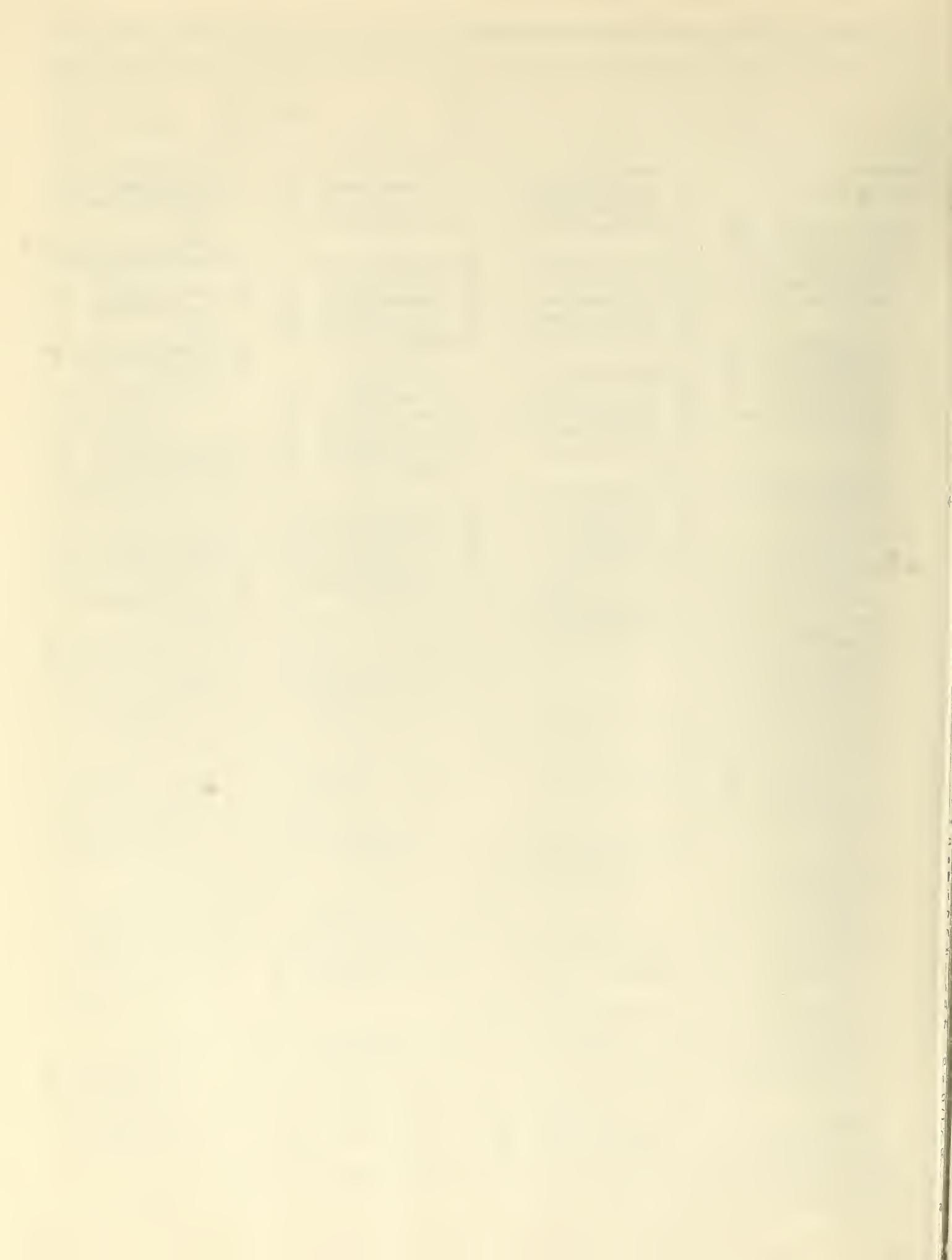
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11	Florida	51	Wisconsin	87	Beaumont-Port Arthur-Orange, Tex.	122	Clarksville-Hopkinsville, Tenn.-Ky.
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14	Idaho	54	Not assigned	90	Billings, Mont.	125	Columbia, Mo.
15	Illinois	55	Not assigned	91	Biloxi-Gulfport, Miss.	126	Columbia, S.C.
16	Indiana	56	Not assigned	92	Binghamton, N.Y.-Pa.	127	Columbus, Ga.-Ala.
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157	Florence, Ala.	197	Joplin, Mo.	238	Melbourne-Titusville-Cocoa, Fla.	274	Owensboro, Ky.
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159	Fort Collins, Colo.	199	Kankakee, Ill.				
160	Fort Lauderdale-Hollywood, Fla.	200	Kansas City, Mo.-Kans.	239	Memphis, Tenn.-Ark.-Miss.	276	Panama City, Fla.
161	Fort Myers-Cape Coral, Fla.	201	Kenosha, Wis.	240	Meriden, Conn.	277	Parkersburg-Marietta, W. Va.-Ohio
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176	Greensboro-Winston-Salem-High Point, N.C.	218	Lewiston-Auburn, Maine	256	New Brunswick-Perth Amboy-Sayreville, N.J.	293	Providence-Warwick-Pawtucket, R.I.-Mass.
177	Greenville-Spartanburg, S.C.	219	Lexington-Fayette, Ky.	257	New Haven-West Haven, Conn.	294	Provo-Orem, Utah
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179	Hamilton-Middletown, Ohio			258	New London-Norwich, Conn.-R.I.	296	Racine, Wis.
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## Introduction

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### GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

### CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.

### DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., "—").

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category "3 rooms" is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as "no cash rent" are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category "Less than \$10,000," it is shown as "\$10,000—." When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category "\$150,000 or more," it is shown as "\$150,000+."

### SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash "—" represents zero or a percent which rounds to less than 0.1.
- Three dots "... " mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on "Suppression of Data for Confidentiality.")
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

### SUPPRESSION OF DATA FOR CONFIDENTIALITY

To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.

# 1980

## Census of Housing

# Metropolitan Housing Characteristics

## SPRINGFIELD, MO.

STANDARD METROPOLITAN STATISTICAL AREA

HC80-2-339

### Contents

#### Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

	Page
<b>Index of Tables</b> —shows the pages on which the tables for each geographic area appear and the pages on which data for the various race/Spanish origin householders appear . . . . .	IX
<b>List of Tables</b> —shows the table numbers and titles for each of the 68 tables . . . . .	X
<b>Table Finding Guide</b> —shows the tables in which the various subject cross-classifications presented in the report appear . . . . .	XII
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Tables for the total SMSA have the prefix letter "A"; tables for central cities and places of 50,000 inhabitants or more, in alphabetical order, have the prefix letter "B," "C," etc.

Area	Prefix letter	Tables 1-13 Total	Tables 14-24 White	Tables 25-35 Black	Tables 36-46 American Indian, Eskimo, and Aleut	Tables 47-57 Asian and Pacific Islander	Tables 58-68 Spanish Origin
SMSA total . . . . .	A	Pages 1 to 12	Pages	Pages	Pages	Pages	Pages
Springfield . . . . .	B	13 to 24	—	—	—	—	—

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(Tables 14 to 24 for the White population are shown if any of the other three racial groups in the area qualify; tables 25 to 35 are shown if an area has 10,000 or more or 10 percent Black population; tables 36 to 46 are shown if an area has 10,000 or more or 10 percent American Indian, Eskimo, and Aleut population; tables 47 to 57 are shown if an area has 10,000 or more or 10 percent Asian and Pacific Islander population; and tables 58 to 68 are shown if an area has 10,000 or more or 10 percent Spanish origin population)

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## Table Finding Guide— Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
OCCUPANCY CHARACTERISTICS						
Condominium . . . . .	—	—	—	—	—	—
Year moved into unit . . . . .	1	2	3	4	5	6
UTILIZATION CHARACTERISTICS						
Rooms . . . . .	1	2	—	—	5	6
Persons in unit . . . . .	—	—	—	—	5	6
Bedrooms . . . . .	1	2	—	—	—	—
Median rooms . . . . .	1	2	3	4	5	6
STRUCTURAL CHARACTERISTICS						
Units in structure . . . . .	—	2	—	—	—	—
Year structure built . . . . .	1	2	—	—	5	6
Stories in structure . . . . .	—	2	—	—	—	—
PLUMBING CHARACTERISTICS						
Plumbing facilities . . . . .	1	2	3	4	—	—
EQUIPMENT AND FUELS						
Heating equipment . . . . .	1	2	3	4	5	6
Air conditioning . . . . .	1	2	3	4	5	6
Vehicles available . . . . .	—	—	3	4	—	—
House heating fuel . . . . .	—	—	3	4	5	6
Water heating fuel . . . . .	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS						
Value . . . . .	—	—	—	—	5	6
Price asked . . . . .	—	—	—	—	—	—
Mortgage status and selected monthly owner costs . . . . .	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income . . . . .	—	—	—	—	5	6
Contract rent . . . . .	—	—	—	4	—	—
Gross rent . . . . .	—	—	—	4	—	—
Rent asked . . . . .	—	—	—	—	—	—
Gross rent as percentage of household income . . . . .	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income . . . . .	1	—	3	—	—	—
HOUSEHOLD CHARACTERISTICS						
Household type by age of householder . . . . .	1	2	3	4	5	6
Income . . . . .	1	—	—	—	—	—
Income below poverty level . . . . .	1	2	—	—	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White . . . . .	14	15	16	17	18	19
Black . . . . .	25	26	27	28	29	30
American Indian, Eskimo, and Aleut . . . . .	36	37	38	39	40	41
Asian and Pacific Islander . . . . .	47	48	49	50	51	52
Spanish origin . . . . .	58	59	60	61	62	63

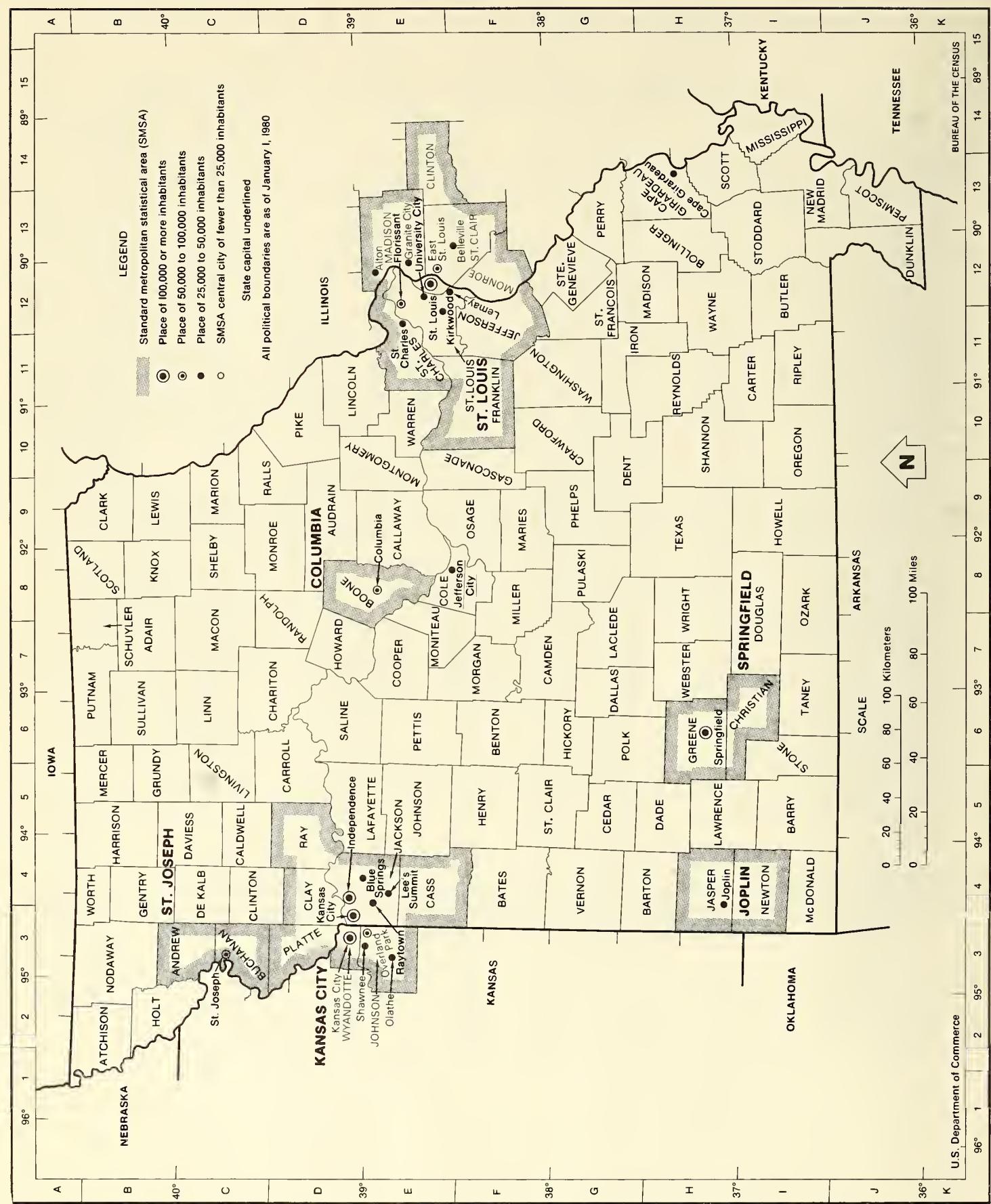
**Table Finding Guide—Cross-Classification of Subjects by Table Number**

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
OCCUPANCY CHARACTERISTICS							
Condominium . . . . .	—	8	—	—	—	—	—
Year moved into unit . . . . .	7	8	—	—	—	—	—
UTILIZATION CHARACTERISTICS							
Rooms . . . . .	7	8	9	—	—	12	—
Persons in unit . . . . .	7	—	—	10	—	—	—
Bedrooms . . . . .	—	8	—	—	—	12	13
Median rooms . . . . .	7	8	9	—	—	12	—
STRUCTURAL CHARACTERISTICS							
Units in structure . . . . .	7	—	9	—	11	12	13
Year structure built . . . . .	—	—	—	—	—	12	13
Stories in structure . . . . .	—	—	—	—	—	—	—
PLUMBING CHARACTERISTICS							
Plumbing facilities . . . . .	7	8	9	10	11	12	13
EQUIPMENT AND FUELS							
Heating equipment . . . . .	7	8	—	—	—	12	—
Air conditioning . . . . .	7	8	—	—	—	—	—
Vehicles available . . . . .	—	8	—	—	—	—	—
House heating fuel . . . . .	7	8	—	—	—	—	—
Water heating fuel . . . . .	—	8	—	—	—	—	—
FINANCIAL CHARACTERISTICS							
Value . . . . .	—	—	9	—	—	—	—
Price asked . . . . .	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs . . . . .	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income . . . . .	—	—	9	—	11	—	—
Contract rent . . . . .	—	—	—	—	—	—	—
Gross rent . . . . .	—	—	9	—	11	—	—
Rent asked . . . . .	—	—	—	—	—	12	—
Gross rent as percentage of household income . . . . .	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income . . . . .	—	—	—	10	—	—	—
HOUSEHOLD CHARACTERISTICS							
Household type by age of householder . . . . .	7	8	—	—	—	—	—
Income . . . . .	7	8	9	—	11	—	—
Income below poverty level . . . . .	7	8	9	—	11	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White . . . . .	20	21	22	23	24	—	—
Black . . . . .	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut . . . . .	42	43	44	45	46	—	—
Asian and Pacific Islander . . . . .	53	54	55	56	57	—	—
Spanish origin . . . . .	64	65	66	67	68	—	—

## **Standard Metropolitan Statistical Areas, Counties, Independent City, and Other Selected Places**



CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

NOTE TO USERS:

The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.

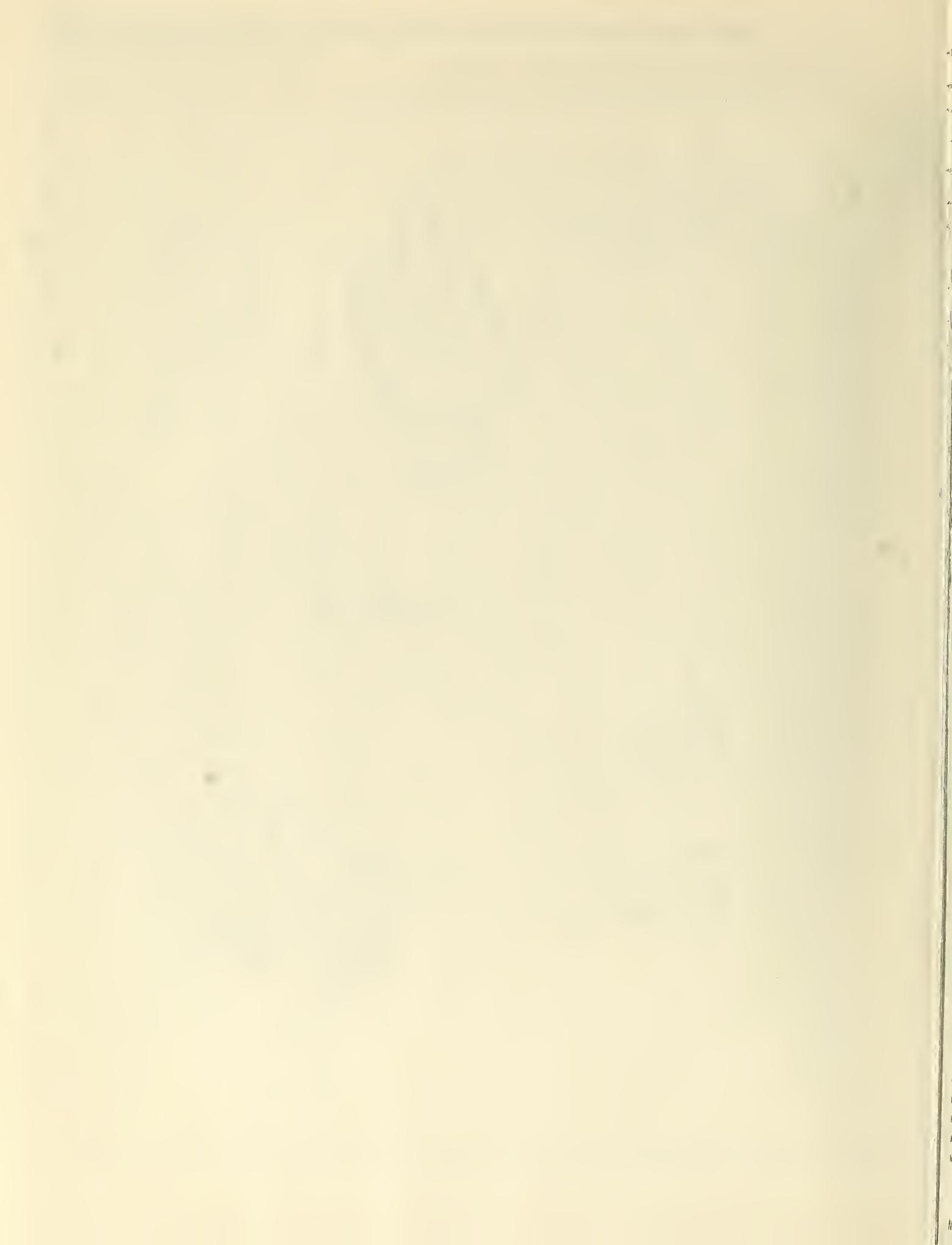


Table A-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
<b>Specified owner-occupied housing units</b>													
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	41 624	1 391	5 498	7 964	9 414	6 907	3 913	4 091	1 201	1 002	243	36 000	40 800
15 to 24 years	30 765	561	3 099	5 191	7 057	5 629	3 320	3 651	1 117	922	218	39 200	44 400
25 to 34 years	1 089	5	176	384	336	87	72	24	5	—	—	29 400	31 100
35 to 44 years	7 121	60	553	1 146	2 051	1 435	741	775	281	68	11	38 700	42 600
45 to 64 years	6 636	33	340	732	1 474	1 444	834	1 030	362	304	83	45 000	51 600
65 years and over	10 757	215	1 035	1 706	2 150	1 989	1 207	1 498	404	451	102	41 300	46 900
Male householder, no wife present	5 162	248	995	1 223	1 046	674	466	324	65	99	22	30 900	35 400
15 to 24 years	2 479	184	497	631	553	236	171	128	33	36	10	28 600	32 800
25 to 34 years	170	11	35	54	51	14	5	—	—	—	—	28 200	27 500
35 to 44 years	639	12	93	158	178	83	50	49	3	6	7	33 000	37 600
45 to 64 years	393	11	49	55	102	79	31	30	24	12	—	38 800	41 600
65 years and over	543	30	118	150	88	29	61	45	6	13	3	27 300	34 900
Female householder, no husband present	734	120	202	214	134	31	24	4	—	5	—	21 400	23 600
15 to 24 years	8 380	646	1 902	2 142	1 804	1 042	422	312	51	44	15	27 200	30 100
25 to 34 years	124	1	9	47	54	13	—	—	—	—	—	30 900	29 700
35 to 44 years	844	27	84	250	272	119	50	37	—	—	5	31 500	33 500
45 to 64 years	810	40	95	195	185	169	66	40	8	8	4	34 100	36 200
65 years and over	2 542	148	507	662	576	326	170	123	14	10	6	29 300	31 900
Median age	4 060	430	1 207	988	717	415	136	112	29	26	—	24 000	27 100
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	5 350	58	488	860	1 210	1 023	626	711	205	110	59	40 600	45 500
1975 to 1978	12 901	185	1 092	2 104	3 108	2 364	1 492	1 618	493	400	45	39 900	44 900
1970 to 1974	8 054	219	858	1 331	2 015	1 478	774	803	279	234	63	38 000	43 200
1960 to 1969	8 425	344	1 241	1 714	1 899	1 499	641	701	161	173	52	34 500	38 700
1959 or earlier	6 894	585	1 819	1 955	1 182	543	380	258	63	85	24	25 100	29 500
<b>ROOMS</b>													
1 to 3 rooms	642	271	199	82	49	20	9	5	—	7	—	12 200	17 300
4 rooms	5 117	636	2 212	1 459	491	182	58	64	9	6	—	18 500	21 000
5 rooms	12 604	332	1 959	3 754	3 894	1 826	496	257	56	17	13	30 600	31 500
6 rooms	11 457	91	818	1 806	3 336	2 947	1 406	860	99	84	10	39 000	40 300
7 rooms	6 050	61	198	575	1 102	1 294	1 162	1 263	214	167	14	48 400	50 500
8 or more rooms	5 754	—	112	288	542	638	782	1 642	823	721	206	65 300	72 600
Median	5.7	4.2	4.7	5.2	5.6	6.0	6.5	7.2	8.1	8.4	8.5+	...	...
<b>BEDROOMS</b>													
None	53	23	8	6	6	—	5	5	—	—	—	16 100	23 800
1	1 235	365	468	230	80	57	22	22	6	7	—	15 600	18 700
2	11 446	776	3 626	3 620	1 976	753	351	237	52	42	13	23 100	26 100
3	23 323	199	1 206	3 638	6 649	5 480	2 853	2 431	524	293	50	40 000	43 000
4	4 684	28	139	419	610	551	637	1 243	472	481	104	59 100	64 300
5 or more	883	—	51	51	93	66	45	175	147	179	76	73 500	83 400
<b>YEAR STRUCTURE BUILT</b>													
1975 to March 1980	6 898	16	115	427	1 273	1 460	1 262	1 390	481	373	101	51 100	57 500
1970 to 1974	6 713	22	130	775	1 717	1 678	838	949	317	243	44	43 700	49 900
1960 to 1969	9 318	56	399	1 478	2 785	2 119	964	1 033	251	188	45	39 800	44 400
1950 to 1959	6 412	154	982	1 772	1 641	850	422	413	87	67	24	31 600	35 500
1940 to 1949	3 866	234	1 123	1 189	675	365	107	99	23	47	4	23 700	27 900
1939 or earlier	8 417	909	2 749	2 323	1 323	435	320	207	42	84	25	21 700	26 200
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000	4 335	615	1 489	1 033	556	303	173	113	40	8	5	20 400	24 600
\$5,000 to \$9,999	6 102	406	1 611	1 721	1 223	596	287	186	42	17	13	25 500	28 600
\$10,000 to \$12,499	3 267	120	665	849	919	424	153	119	14	—	—	30 000	31 100
\$12,500 to \$14,999	3 329	96	510	948	914	465	187	177	13	19	—	31 000	33 100
\$15,000 to \$19,999	6 793	81	561	1 379	2 098	1 285	733	493	71	86	6	36 200	39 100
\$20,000 to \$24,999	6 250	18	347	1 089	1 782	1 410	750	645	123	73	13	39 300	42 500
\$25,000 to \$34,999	7 011	36	221	748	1 468	1 633	1 051	1 289	394	167	4	46 200	49 700
\$35,000 to \$49,999	2 828	19	57	149	369	659	473	647	214	223	18	52 700	59 300
\$50,000 or more	1 709	—	37	48	85	132	106	422	290	409	180	81 700	93 200
Median	\$17 702	\$5 902	\$8 813	\$13 499	\$17 348	\$21 263	\$22 445	\$27 078	\$32 780	\$42 528	\$66 520	...	...
Mean	\$20 489	\$7 869	\$10 827	\$14 673	\$18 236	\$22 470	\$23 888	\$29 524	\$38 873	\$55 309	\$91 730	...	...
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
With a mortgage	25 612	337	2 120	4 316	6 433	4 870	2 774	2 988	934	671	169	39 300	44 600
Less than 15 percent	8 400	75	641	1 403	2 200	1 640	809	937	345	269	81	39 400	45 800
15 to 19 percent	5 498	53	352	937	1 418	1 042	678	676	188	142	12	39 900	44 600
20 to 24 percent	4 365	34	335	706	1 103	837	454	466	605	162	11	40 000	44 900
25 to 29 percent	2 409	61	185	407	545	459	291	300	88	59	14	40 100	44 400
30 to 34 percent	1 541	13	136	232	400	307	218	143	42	38	12	39 800	44 600
35 percent or more	3 263	101	454	625	721	566	290	322	97	53	34	36 200	41 000
Not computed	136	—	17	6	46	19	22	5	12	4	5	39 700	49 500
Median	18.9	25.5	19.0	18.5	18.8	18.8	19.2	19.1	18.1	17.3	15.4	...	...
Not mortgaged	16 012	1 054	3 378	3 648	2 981	2 037	1 139	1 103	267	331	74	29 700	34 900
Less than 10 percent	7 590	308	1 210	1 647	1 442	1 118	621	723	185	262	74	33 800	40 600
10 to 14 percent	3 028	168	635	682	676	374	259	156	39	39	—	30 400	33 400
15 to 19 percent	1 671	163	429	410	237	200	101	97	28	6	—	25 900	30 000
20 to 24 percent	1 229	123	367	274	262	116	58	25	—	4	—	22 500	26 200
25 to 29 percent	691	63	200	177	145	38	16	27	9	16	—	23 900	28 800
30 to 34 percent	543	52	168	126	72	69	19	37	—	—	—	23 200	27 900
35 percent or more	1 160	147	340	327	141	104	59	38	—	4	—	22 100	25 500
Not computed	100	30	29	5	6	18	6	—	6	—	—	15 600	26 000
Median	10.6	16.1	13.7	11.3	10.3	10—	10—	10—	10—	10—	10—	...	...
<b>SELECTED CHARACTERISTICS</b>													
Complete plumbing for exclusive use	41 402	1 289	5 412	7 949	9 407	6 902	3 906	4 091	1 201	1 002	243	36 100	41 000
1.01 or more persons per room	560	39	136	144	134	60	15	32	—	—	—	26 800	28 500
Lacking complete plumbing for exclusive use	222	102	86	15	7	5	7	—	—	—	—	10 700	13 900
1.01 or more persons per room	24	16	8	—	—	—	—	—	—	—	—	10000	10 400
Hearing equipment	41 618	1 391	5 498	7 964	9 408	6 907	3 913	4 091	1 201	1 002	243	36 000	40 800
Central heating system	36 532	460	3 490	7 004	8 878	6 587	3 808	3 950	1 151	961	243	38 100	43 300
Air conditioning	30 347	438	2 246	4 868	7 219	5 961	3 490	3 762	1 160	960	243	40 600	46 000
Control system	20 233	68	406	1 739	4 408	4 874	3 070	3 429	1 107	901	231</		

Table A-2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

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	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
<b>Specified renter-occupied housing units</b>	<b>23 003</b>	<b>1 686</b>	<b>3 312</b>	<b>5 606</b>	<b>5 830</b>	<b>2 869</b>	<b>1 436</b>	<b>646</b>	<b>514</b>	<b>135</b>	<b>969</b>	<b>203</b>
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	8 611	172	982	1 947	2 177	1 318	806	374	345	59	431	220
15 to 24 years	2 323	46	308	680	721	285	151	38	23	—	71	205
25 to 34 years	3 279	30	336	752	848	541	374	162	71	19	146	227
35 to 44 years	1 073	21	100	138	224	157	131	111	132	14	45	263
45 to 64 years	1 258	44	135	209	270	234	120	50	81	15	100	232
65 years and over	678	31	103	168	114	101	30	13	38	11	69	201
Male householder, no wife present	5 408	488	974	1 332	1 333	559	330	94	76	31	191	195
15 to 24 years	2 091	79	320	641	610	215	122	25	38	6	35	199
25 to 34 years	1 675	95	256	408	444	226	124	45	20	5	52	205
35 to 44 years	551	60	58	110	152	76	32	10	12	15	26	210
45 to 64 years	597	74	195	127	107	31	36	6	—	—	21	163
65 years and over	494	180	145	46	20	11	16	8	6	5	57	115
Female householder, no husband present	8 984	1 026	1 336	2 327	2 320	992	300	178	93	45	347	193
15 to 24 years	2 418	96	253	783	749	356	60	76	14	7	24	204
25 to 34 years	2 184	89	251	678	710	265	78	36	22	—	55	203
35 to 44 years	910	44	83	210	260	117	71	47	16	18	44	214
45 to 64 years	1 328	168	307	282	319	165	34	—	12	6	35	180
65 years and over	2 144	629	462	374	282	89	57	19	29	14	189	140
Median age	30.2	64.9	33.9	27.9	28.1	29.2	30.6	32.4	39.7	42.7	44.0	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	13 576	597	1 659	3 334	3 712	2 042	1 049	459	380	99	245	213
1975 to 1978	6 657	652	1 004	1 590	1 772	688	353	165	115	26	292	199
1970 to 1974	1 632	292	370	445	223	103	11	17	12	6	153	159
1960 to 1969	772	116	179	167	94	34	17	5	7	4	149	154
1959 or earlier	366	29	100	70	29	2	6	—	—	—	130	144
<b>ROOMS</b>												
1 room	730	293	252	157	6	—	17	—	—	—	5	120
2 rooms	1 572	394	563	366	178	32	13	—	—	—	26	133
3 rooms	4 716	560	1 039	1 799	925	197	50	—	13	7	126	170
4 rooms	7 964	238	840	1 877	2 917	1 248	404	71	80	33	256	214
5 rooms	4 966	177	463	1 043	1 278	786	634	218	129	30	208	226
6 rooms	2 055	22	126	255	400	386	227	282	163	23	171	268
7 or more rooms	1 000	2	29	109	126	220	91	75	129	42	177	285
Median	4.1	2.8	3.3	3.8	4.1	4.5	4.9	5.6	5.7	5.4	4.8	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979</b>												
All income levels in 1979	23 003	1 686	3 312	5 606	5 830	2 869	1 436	646	514	135	969	203
Complete plumbing for exclusive use	22 636	1 540	3 183	5 575	5 804	2 849	1 430	646	514	135	960	204
0.50 or less	13 956	1 083	1 979	3 382	3 619	1 740	843	325	236	52	697	202
0.51 to 1.00	7 924	430	1 004	2 002	2 019	1 028	542	310	249	77	263	209
1.01 to 1.50	539	7	88	142	139	72	45	11	29	6	—	212
1.51 or more	217	20	112	49	27	9	—	—	—	—	—	140
Locking complete plumbing for exclusive use	367	146	129	31	26	20	6	—	—	—	9	110
0.50 or less	205	68	89	15	12	6	6	—	—	—	9	112
0.51 to 1.00	148	78	34	8	14	14	—	—	—	—	—	92
1.01 to 1.50	8	—	—	8	—	—	—	—	—	—	—	155
1.51 or more	6	—	6	—	—	—	—	—	—	—	—	125
Income in 1979 below poverty level	5 718	929	1 155	1 284	1 197	563	158	85	63	41	243	177
Complete plumbing for exclusive use	5 567	854	1 116	1 271	1 192	549	158	85	63	41	238	179
1.01 or more persons per room	340	—	91	72	107	49	14	—	7	—	—	204
Locking complete plumbing for exclusive use	151	75	39	13	5	14	—	—	—	—	5	89
1.01 or more persons per room	14	—	6	8	—	—	—	—	—	—	—	151
<b>BEDROOMS</b>												
None	1 014	361	428	197	6	—	17	—	—	—	5	118
1	6 801	944	1 635	2 436	1 315	243	59	7	6	7	149	166
2	10 699	244	987	2 438	3 795	1 807	703	101	126	51	447	218
3	3 997	137	236	503	647	740	621	497	303	35	278	271
4	434	—	26	32	67	73	31	35	63	35	72	289
5 or more	58	—	—	—	67	6	5	6	16	7	18	419
<b>UNITS IN STRUCTURE</b>												
1, detached or attached	9 957	265	1 096	2 215	2 357	1 480	788	549	379	93	735	220
2	2 373	121	333	587	545	372	238	57	51	21	48	210
3 and 4	1 796	208	468	501	295	120	125	20	19	8	32	168
5 to 9	1 577	269	395	444	225	131	74	14	14	—	11	163
10 to 49	4 425	331	610	1 287	1 519	462	99	6	51	13	47	199
50 or more	2 075	462	267	258	734	249	95	—	—	—	10	203
Mobile home or trailer, etc.	800	30	143	314	155	55	17	—	—	—	86	184
<b>YEAR STRUCTURE BUILT</b>												
1975 to March 1980	4 228	209	195	689	1 201	842	511	202	230	60	89	241
1970 to 1974	3 944	525	262	773	1 154	556	285	190	79	11	109	214
1960 to 1969	4 201	158	459	1 096	1 310	435	324	131	113	36	139	210
1950 to 1959	3 091	118	379	1 025	802	405	117	57	21	6	161	197
1940 to 1949	2 931	147	671	852	605	328	80	18	20	12	198	184
1939 or earlier	4 608	529	1 346	1 171	758	303	119	48	51	10	273	160
<b>STORIES IN STRUCTURE</b>												
1 to 3	22 335	1 268	3 202	5 567	5 797	2 856	1 410	646	502	128	959	205
4 or more	668	418	110	39	33	13	26	—	12	7	80	71
With elevator	559	395	69	25	7	13	26	—	12	7	5	71
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>												
Less than 15 percent	3 432	367	672	909	871	338	173	45	46	11	...	190
15 to 19 percent	3 764	174	480	1 032	1 108	516	212	145	83	14	...	207
20 to 24 percent	3 427	409	412	955	743	434	318	89	55	12	...	197
25 to 29 percent	2 636	279	382	576	711	356	179	77	55	21	...	205
30 to 34 percent	1 842	129	234	519	443	246	135	63	53	20	...	204
35 to 49 percent	3 141	235	485	661	893	385	218	122	130	12	...	209
50 percent or more	3 502	64	614	883	975	540	189	105	92	40	...	209
Not computed	1 259	29	33	71	86	54	12	—	—	5	969	206
Median	25.5	23.5	26.0	24.3	26.1	26.7	25.3	27.9	31.7	31.7	...	...
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	22 997	1 680	3 312	5 606	5 830	2 869	1 436	646	514	135	969	203
Central heating system	19 600	1 386	2 256	4 550	5 242	2 676	1 426	639	514	126	785	210
Air conditioning	14 032	829	1 087	3 029	4 047	2 073	1 203	558	455	100	651	220
Central system	9 346	567	336	1 531	3 030	1 588	985	478	395	97	339	233

Table A-3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8]

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	Household income in 1979													Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)		
Owner-occupied housing units	52 807	5 712	8 165	4 262	4 236	8 685	7 613	8 535	3 479	2 120	17 228	20 168	4 663	
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER														
Married-couple families	38 960	1 591	4 324	2 826	3 012	7 238	6 799	7 865	3 311	1 994	20 318	23 320	1 904	
15 to 24 years	1 578	38	167	217	300	453	236	127	20	20	15 562	16 843	50	
25 to 34 years	8 419	135	520	536	748	2 161	1 998	1 623	510	188	20 211	21 724	305	
35 to 44 years	8 092	152	352	360	402	1 430	1 728	2 167	947	554	23 883	27 377	340	
45 to 64 years	14 332	516	1 086	889	897	2 377	2 329	3 490	1 666	1 082	22 820	26 694	634	
65 years and over	6 539	750	2 199	824	665	817	508	458	168	150	10 972	14 523	575	
Male householder, no wife present	3 413	624	757	339	356	545	357	280	73	82	12 400	16 303	452	
15 to 24 years	265	21	79	44	44	47	25	5	—	—	11 847	12 117	12	
25 to 34 years	825	77	142	68	114	215	85	90	15	19	15 197	18 578	77	
35 to 44 years	524	34	54	29	43	118	106	69	33	38	19 375	22 042	20	
45 to 64 years	780	92	143	121	87	130	94	79	20	14	13 477	18 401	62	
65 years and over	1 019	400	339	77	68	35	47	37	5	11	6 310	10 992	281	
Female householder, no husband present	10 434	3 497	3 084	1 097	868	902	457	390	95	44	7 418	9 663	2 307	
15 to 24 years	176	52	28	42	23	31	—	—	—	—	10 476	9 524	52	
25 to 34 years	1 073	171	229	183	168	165	65	75	17	—	11 865	12 568	221	
35 to 44 years	950	137	236	164	105	148	64	83	13	—	11 555	13 004	140	
45 to 64 years	3 218	662	1 007	402	364	321	229	173	44	16	9 665	11 494	562	
65 years and over	5 017	2 475	1 584	306	208	237	99	59	21	28	5 082	7 239	1 332	
Median age	50.2	70.7	65.1	54.6	48.2	42.4	42.2	45.1	46.8	49.0	...	...	63.3	
YEAR HOUSEHOLDER MOVED INTO UNIT														
1979 to March 1980	6 913	503	942	544	553	1 300	1 134	1 215	437	285	18 136	20 348	569	
1975 to 1978	16 017	970	1 826	1 313	1 444	3 183	2 690	2 878	1 127	586	18 874	21 420	1 032	
1970 to 1974	10 029	770	1 328	780	780	1 705	1 465	1 871	841	489	19 008	22 569	682	
1960 to 1969	10 574	1 335	1 756	707	755	1 451	1 556	1 759	755	500	17 299	20 387	950	
1959 or earlier	9 274	2 134	2 313	918	704	1 046	768	812	319	260	10 517	15 026	1 430	
SELECTED CHARACTERISTICS														
Complete plumbing for exclusive use	52 309	5 540	8 012	4 211	4 189	8 643	7 600	8 522	3 472	2 120	17 339	20 277	4 489	
1 or more persons per room	750	68	122	80	61	94	196	95	23	11	17 596	17 771	162	
Locking complete plumbing for exclusive use	498	172	153	51	47	42	13	13	7	—	7 139	8 758	174	
1 or more persons per room	57	9	18	6	17	7	—	—	—	—	10 625	10 274	15	
Heating equipment	52 793	5 712	8 159	4 262	4 236	8 677	7 613	8 535	3 479	2 120	17 231	20 170	4 663	
Central heating system	44 666	3 754	6 185	3 483	3 577	7 573	6 873	7 944	3 257	2 020	18 466	21 465	2 998	
Air conditioning	36 955	2 643	4 776	2 813	2 783	6 145	5 732	7 065	3 056	1 942	19 425	22 669	2 166	
Central system	23 878	1 014	2 288	1 419	1 615	3 961	3 971	5 352	2 512	1 746	21 983	26 024	885	
Vehicles available	49 941	4 022	7 335	4 129	4 141	8 642	7 576	8 504	3 473	2 119	18 009	20 988	3 623	
1	15 033	2 875	4 334	1 838	1 540	2 070	1 163	814	246	153	10 418	12 599	2 185	
2 or more	34 908	1 147	3 001	2 291	2 601	6 572	6 413	7 690	3 227	1 966	21 259	24 600	1 438	
House heating fuel	52 793	5 712	8 159	4 262	4 236	8 677	7 613	8 535	3 479	2 120	17 231	20 170	4 663	
Utility gas	38 722	4 210	6 053	3 141	3 065	6 228	5 531	6 438	2 478	1 578	17 214	20 282	3 297	
Bottled, tank, or LP gas	7 540	923	1 290	642	656	1 216	1 140	1 014	424	235	16 026	18 452	755	
Electricity	3 599	213	329	210	270	618	596	692	423	248	21 163	24 857	235	
Fuel oil, kerosene, etc.	157	35	32	24	11	17	6	18	7	7	11 198	17 270	18	
Other	2 775	331	455	245	234	598	340	373	147	52	15 957	17 367	358	
Median rooms	5.6	4.8	5.1	5.2	5.4	5.7	5.8	6.3	6.7	7.7	...	...	5.0	
Specified owner-occupied housing units	41 624	4 335	6 102	3 267	3 329	6 793	6 250	7 011	2 828	1 709	17 702	20 489	3 462	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
With a mortgage	25 612	1 175	2 274	1 699	2 071	4 867	4 713	5 447	2 184	1 182	20 677	23 210	1 335	
Less than \$200	4 113	468	850	445	415	698	637	444	111	45	14 220	15 870	442	
\$200 to \$249	4 446	233	520	409	547	969	811	711	202	44	17 536	18 729	300	
\$250 to \$299	4 182	136	372	360	409	879	814	872	248	72	19 432	20 633	156	
\$300 to \$349	3 495	73	218	187	255	840	682	849	288	103	20 978	22 898	110	
\$350 to \$399	2 842	89	118	146	210	569	596	809	225	80	22 293	23 751	121	
\$400 to \$449	3 581	86	117	95	177	666	754	927	542	217	23 861	27 300	112	
\$500 to \$599	1 572	81	40	31	37	150	255	505	328	145	27 404	30 375	84	
\$600 to \$749	887	5	26	22	15	67	136	214	134	268	28 169	44 080	6	
\$750 or more	494	4	13	4	6	29	28	116	86	208	32 806	55 625	4	
Median	\$301	\$226	\$228	\$249	\$259	\$294	\$307	\$341	\$400	\$521	...	...	\$238	
Not mortgaged	16 012	3 160	3 828	1 568	1 258	1 926	1 537	1 564	644	527	11 623	16 138	2 127	
Less than \$50	608	254	192	57	31	36	22	9	7	5 954	8 410	161		
\$50 to \$74	3 277	1 180	931	343	249	240	181	134	18	1	7 115	9 304	770	
\$75 to \$99	4 478	991	1 178	439	442	549	360	352	115	52	10 399	13 197	663	
\$100 to \$124	3 424	456	765	404	272	523	410	414	132	48	13 300	16 538	297	
\$125 to \$149	2 017	152	448	188	140	344	246	310	127	62	16 027	18 337	125	
\$150 to \$199	1 526	107	247	106	105	167	300	217	158	119	20 531	23 484	91	
\$200 to \$249	414	12	39	16	5	30	30	92	54	136	32 970	43 290	12	
\$250 or more	268	8	28	15	14	37	10	23	31	102	34 388	60 942	8	
Median	\$98	\$79	\$92	\$97	\$95	\$107	\$114	\$117	\$134	\$189	...	...	\$80	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979														
With a mortgage	25 612	1 175	2 274	1 699	2 071	4 867	4 713	5 447	2 184	1 182	20 677	23 210	1 335	
Less than 15 percent	8 400	—	32	57	204	923	1 744	2 888	1 559	993	29 000	34 228	9	
15 to 19 percent	5 498	6	125	225	503	1 244	1 346	1 489	445	115	22 001	23 573	11	
20 to 24 percent	4 365	6	220	417	546	1 339	913	716	159	49	18 771	19 925	22	
25 to 29 percent	2 409	29	397	319	328	670	418	220	8	20	15 931	16 463	63	
30 to 34 percent	1 541	13	294	315	228	400	201	78	7	5	14 128	14 932	55	
35 percent or more	3 263	985	1 206	366	262	291	91	56	6	—	7 342	8 554	1 039	
Not computed	136	136	—	—	—	—	—	—	—	—	2500	—1 706	136	
Median	18.9	50+	36.3	27.4	23.0	21.0	17.3	14.6	12.4	10—	...	...	50+	
Not mortgaged	16 012	3 160	3 828	1 568	1 258	1 926	1 537	1 564	644	527	11 623	16 138	2 127	
Less than 10 percent	7 590	8	452	674	846	1 513	1 411	1 527	637	522	20 947	25 648	6	
10 to 14 percent	3 028	149	1 375	665	330	351	121	37	—	—	9 967	10 825	55	
15 to 19 percent	1 671	379	1 002	185	63	37	5	—	—	—	7 023	7 499	139	
20 to 24 percent	1 229	624	559	25	5	16	—	—	—	—	4 960	5 546	310	
25 to 29 percent	691	425	234	9	14	9	—	—	—</td					

Table A—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

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	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
	24 371	5 892	7 046	2 930	2 409	3 175	1 496	943	308	172	9 446	11 223	6 085
<b>Renter-occupied housing units</b>													
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	9 535	871	2 275	1 340	1 263	1 905	972	589	198	122	13 057	14 635	1 302
15 to 24 years	2 445	239	746	358	237	599	204	55	7	—	11 659	12 313	335
25 to 34 years	3 660	193	819	567	511	812	458	189	71	40	13 728	15 155	392
35 to 44 years	1 190	92	226	135	130	226	134	170	45	32	15 265	17 583	192
45 to 64 years	1 457	181	216	179	263	219	147	141	68	43	13 950	16 818	240
65 years and over	783	166	268	101	122	49	29	34	7	7	8 750	10 915	143
Male householder, no wife present	5 611	1 424	1 595	643	562	682	377	205	91	32	9 326	11 093	1 451
15 to 24 years	2 123	563	776	261	175	201	82	46	6	13	8 068	9 326	737
25 to 34 years	1 755	280	384	234	279	294	148	77	48	11	12 281	13 244	260
35 to 44 years	575	102	132	67	41	104	73	45	11	—	11 996	13 406	109
45 to 64 years	619	199	164	65	23	54	56	31	19	8	8 445	12 119	150
65 years and over	539	280	139	16	44	29	18	6	7	—	4 880	7 402	195
Female householder, no husband present	9 225	3 597	3 176	947	584	588	147	149	19	18	6 438	7 776	3 332
15 to 24 years	2 450	852	1 031	155	197	167	36	12	—	—	6 539	7 384	1 033
25 to 34 years	2 272	630	775	377	183	197	60	43	7	—	8 192	8 925	734
35 to 44 years	927	193	363	179	89	74	12	12	5	—	8 894	9 294	224
45 to 64 years	1 379	553	451	151	49	91	24	40	7	13	6 354	8 626	480
65 years and over	2 197	1 369	556	85	66	59	15	42	—	5	4 373	5 849	861
Median age	30.5	40.7	28.9	29.3	29.7	28.5	30.5	36.8	39.2	42.7	... ...	... ...	30.9
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	14 201	3 247	4 289	1 745	1 401	1 852	862	529	191	85	9 467	11 153	3 736
1975 to 1978	7 054	1 559	1 892	898	805	975	489	303	78	55	10 212	11 889	1 462
1970 to 1974	1 805	652	504	131	111	185	101	55	39	27	7 337	10 523	530
1960 to 1969	879	257	252	107	63	116	37	42	—	5	7 772	9 968	220
1959 or earlier	432	177	109	49	29	47	7	14	—	—	6 250	8 152	137
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
Complete plumbing for exclusive use	23 961	5 685	6 899	2 920	2 388	3 156	1 490	943	308	172	9 547	11 312	5 891
0.50 or less	14 707	4 035	4 416	1 627	1 341	1 711	791	545	163	78	8 697	10 579	3 353
0.51 to 1.00	8 446	1 486	2 216	1 223	957	1 331	669	343	134	87	11 065	12 537	2 166
1.01 to 1.50	589	122	187	39	68	95	27	40	4	7	9 630	11 987	300
1.51 or more	219	42	80	31	22	19	3	15	7	—	9 219	11 412	72
Locking complete plumbing for exclusive use	410	207	147	10	21	19	6	—	—	—	4 961	6 063	194
0.50 or less	232	129	87	—	10	—	6	—	—	—	4 561	5 362	100
0.51 to 1.00	164	64	60	10	11	19	—	—	—	—	6 406	7 342	80
1.01 to 1.50	8	8	—	—	—	—	—	—	—	—	3 750	4 720	8
1.51 or more	6	6	—	—	—	—	—	—	—	—	2500—	—	6
<b>SELECTED CHARACTERISTICS</b>													
Heating equipment	24 365	5 886	7 046	2 930	2 409	3 175	1 496	943	308	172	9 448	11 226	6 079
Central heating system	20 176	4 559	5 704	2 491	2 125	2 679	1 324	877	259	158	9 842	11 594	4 738
Air conditioning	14 444	2 782	3 924	1 812	1 552	2 189	1 075	753	204	153	10 712	12 488	2 756
Central system	9 504	1 703	2 439	1 205	1 089	1 474	748	574	150	122	11 266	13 073	1 779
Vehicles available	21 011	3 769	6 146	2 788	2 328	3 098	1 475	929	306	172	10 530	12 199	4 364
1	12 077	2 954	4 267	1 699	1 217	1 085	487	248	59	61	8 591	9 822	2 890
2 or more	8 934	815	1 879	1 089	1 111	2 013	988	681	247	111	14 039	15 412	1 474
House heating fuel	24 365	5 886	7 046	2 930	2 409	3 175	1 496	943	308	172	9 448	11 226	6 079
Utility gas	18 004	4 551	5 325	2 037	1 762	2 260	1 043	678	195	153	9 164	11 087	4 579
Bottled, tank, or LP gas	1 664	339	416	242	167	258	145	75	22	—	10 795	11 697	369
Electricity	4 023	834	1 116	583	427	556	276	154	65	12	10 264	11 481	953
Fuel oil, kerosene, etc.	62	2	28	—	—	14	11	7	—	—	15 179	14 032	8
Other	612	160	161	68	53	87	21	29	26	7	9 537	12 071	170
Median rooms	4.1	3.6	4.0	4.1	4.3	4.5	4.6	4.8	4.6	4.9	... ...	... ...	3.9
Specified renter-occupied housing units	23 003	5 560	6 770	2 772	2 281	2 943	1 381	875	249	172	9 363	11 145	5 718
<b>CONTRACT RENT</b>													
Less than \$100	3 383	1 759	885	267	186	184	34	37	19	12	4 875	7 100	1 481
\$100 to \$149	5 948	1 673	2 269	707	485	550	165	93	6	—	7 653	8 694	1 642
\$150 to \$199	7 431	1 280	2 409	1 085	836	1 102	415	168	76	60	10 061	11 472	1 533
\$200 to \$249	3 220	384	674	401	479	607	376	207	61	31	13 288	14 355	562
\$250 to \$299	1 307	104	160	140	156	276	245	166	40	20	16 771	18 029	124
\$300 to \$349	431	40	65	42	45	62	42	77	25	33	16 277	20 442	62
\$350 to \$399	241	21	32	20	39	55	17	45	7	5	15 685	17 429	58
\$400 to \$449	66	—	—	—	11	13	9	28	—	5	25 000	27 298	13
\$500 or more	7	—	7	—	—	—	—	—	—	—	8 750	9 315	—
No cash rent	969	299	269	110	44	94	78	54	15	6	7 755	11 066	243
Median	\$159	\$127	\$152	\$164	\$177	\$178	\$204	\$222	\$210	\$223	... ...	... ...	\$139
<b>GROSS RENT</b>													
Less than \$100	1 686	1 199	340	51	34	46	9	—	—	7	4 076	5 328	929
\$100 to \$149	3 312	1 306	1 219	352	154	167	45	39	25	5	6 126	7 422	1 155
\$150 to \$199	5 606	1 236	2 156	735	567	653	120	103	9	27	8 695	9 747	1 284
\$200 to \$249	5 830	921	1 777	792	768	891	410	191	44	36	10 685	11 782	1 197
\$250 to \$299	2 869	403	641	403	371	494	359	125	57	16	12 422	13 724	563
\$300 to \$349	1 436	114	202	204	149	381	190	108	56	32	15 526	17 107	158
\$350 to \$399	646	40	94	53	99	122	104	111	23	—	16 623	17 673	85
\$400 to \$449	514	14	61	72	90	75	44	106	20	32	16 316	20 534	63
\$500 or more	135	28	11	—	5	20	22	38	—	11	20 673	20 990	41
No cash rent	969	299	269	110	44	94	78	54	15	6	7 755	11 066	243
Median	\$203	\$154	\$190	\$211	\$221	\$230	\$259	\$284	\$269	\$275	... ...	... ...	\$177
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
Less than 15 percent	3 432	34	217	257	302	961	702	565	228	166	19 662	22 978	72
15 to 19 percent	3 764	89	461	566	860	1 110	469	203	6	—	14 727	15 145	165
20 to 24 percent	3 427	340	1 128	703	589	534	92	41	—	10 873	11 192	297	
25 to 29 percent	2 636	320	1 217	620	267	173	27	12	—	9 237	9 345	407	
30 to 34 percent	1 842	269	1 115	288	105	52	13	—	—	—	7 765	8 135	281
35 to 49 percent	3 141	995	1 808	211	114	13	—	—	—	—	6 147	6 402	1 148
50 percent or more	3 502	2 924	555	17	—	6	—	—	—	—	3 359	3 361	2 815
Nat computed	1 259	589	269	110	44	94	78	54	15	6	5 575	8 456	533
Median	25.5	50+	31.0	23.6									

Table A-5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

The SMSA

	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units -----	25 612	4 113	4 446	4 182	3 495	2 842	3 581	1 572	887	494	301
<b>PERSONS IN UNIT</b>											
1 person -----	2 368	833	501	346	261	169	151	73	19	15	235
2 persons -----	7 014	1 267	1 343	1 199	943	749	886	377	177	73	287
3 persons -----	5 764	760	960	1 001	862	730	795	372	210	74	309
4 persons -----	6 630	824	969	1 016	948	800	1 116	443	299	215	327
5 persons -----	2 638	323	495	404	331	229	395	252	120	89	315
6 persons -----	818	95	143	117	80	125	157	49	47	5	334
7 persons -----	250	6	10	62	50	28	70	6	—	18	347
8 or more persons -----	130	5	25	37	20	12	11	—	15	5	297
Median -----	3.09	2.47	2.89	3.05	3.13	3.19	3.45	3.40	3.63	3.90	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>											
Married-couple families -----	21 024	2 770	3 388	3 429	2 999	2 477	3 244	1 427	844	446	315
15 to 24 years -----	1 037	155	199	228	195	112	103	20	25	—	286
25 to 34 years -----	6 786	617	1 021	1 070	1 098	935	1 213	493	239	100	331
35 to 44 years -----	5 895	607	797	819	816	702	1 051	512	344	247	344
45 to 64 years -----	6 399	1 110	1 133	1 153	809	670	832	375	218	99	291
65 years and over -----	907	281	238	159	81	58	45	27	18	—	236
Male householder, no wife present -----	1 418	351	248	196	171	185	153	64	27	23	278
15 to 24 years -----	150	36	22	20	41	14	12	5	—	—	292
25 to 34 years -----	554	92	110	82	46	116	64	19	19	6	296
35 to 44 years -----	300	54	56	32	46	34	40	20	8	10	309
45 to 64 years -----	279	80	51	51	24	21	25	20	—	7	258
65 years and over -----	135	89	9	11	14	—	12	—	—	—	167
Female householder, no husband present -----	3 170	992	810	557	325	180	184	81	16	25	237
15 to 24 years -----	123	36	23	21	10	15	11	7	—	—	256
25 to 34 years -----	755	138	190	164	112	60	61	25	—	5	265
35 to 44 years -----	666	163	166	123	51	60	69	25	5	4	252
45 to 64 years -----	1 229	455	334	197	117	45	33	21	11	16	224
65 years and over -----	397	200	97	52	35	—	10	3	—	—	199
Median age -----	39.6	46.9	41.1	40.0	37.6	37.2	37.3	38.6	38.5	41.1	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>											
1979 to March 1980 -----	4 571	302	420	510	621	620	970	560	377	191	385
1975 to 1978 -----	10 589	1 020	1 545	1 702	1 627	1 552	1 814	766	353	210	332
1970 to 1974 -----	5 606	951	1 215	1 203	913	486	520	149	102	67	276
1960 to 1969 -----	3 963	1 390	1 037	672	314	158	238	83	50	21	229
1959 or earlier -----	883	450	229	95	20	26	39	14	5	5	198
<b>ROOMS</b>											
1 to 3 rooms -----	246	137	53	37	13	—	—	—	—	6	189
4 rooms -----	1 945	940	508	279	126	47	45	—	—	—	203
5 rooms -----	7 482	1 647	1 853	1 416	1 046	644	605	172	73	26	259
6 rooms -----	7 352	879	1 239	1 397	1 233	960	1 136	340	129	39	307
7 rooms -----	4 143	333	538	615	639	614	804	375	197	28	346
8 or more rooms -----	4 444	177	255	438	438	577	991	685	488	395	431
Median -----	5.9	5.1	5.4	5.8	6.0	6.3	6.5	7.2	7.7	8.5+	...
<b>YEAR STRUCTURE BUILT</b>											
1975 to March 1980 -----	5 905	216	276	597	669	843	1 523	941	528	312	419
1970 to 1974 -----	5 381	301	742	964	1 047	863	925	270	178	91	333
1960 to 1969 -----	6 181	861	1 341	1 297	992	679	614	200	150	47	284
1950 to 1959 -----	3 256	1 144	777	571	301	211	155	69	17	11	231
1940 to 1949 -----	1 786	683	461	247	160	71	143	17	—	4	223
1939 or earlier -----	3 103	908	849	506	326	175	221	75	14	29	238
<b>VALUE</b>											
Less than \$10,000 -----	337	269	52	16	—	—	—	—	—	—	145
\$10,000 to \$19,999 -----	2 120	1 117	616	248	105	13	21	—	—	—	196
\$20,000 to \$29,999 -----	4 316	1 268	1 374	948	462	172	92	—	—	—	232
\$30,000 to \$39,999 -----	6 433	915	1 436	1 590	1 153	830	446	43	14	6	277
\$40,000 to \$49,999 -----	4 870	364	609	771	930	827	1 048	221	83	17	337
\$50,000 to \$59,999 -----	2 774	104	209	298	434	475	802	322	125	5	386
\$60,000 to \$79,999 -----	2 988	41	143	273	314	411	793	630	300	83	436
\$80,000 to \$99,999 -----	934	16	—	31	79	65	253	223	162	105	510
\$100,000 to \$149,999 -----	671	9	7	7	18	49	119	122	173	167	604
\$150,000 or more -----	169	10	—	—	—	7	11	30	11	111	750+
Median -----	\$39 300	\$25 100	\$31 000	\$35 000	\$40 300	\$44 500	\$51 800	\$64 300	\$75 000	\$111 600	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>											
Less than 15 percent -----	8 400	2 180	2 026	1 523	1 014	543	629	198	214	73	250
15 to 19 percent -----	5 498	615	998	948	916	768	740	346	94	73	310
20 to 24 percent -----	4 365	389	509	724	707	641	780	363	150	102	340
25 to 29 percent -----	2 409	270	314	285	331	289	554	198	125	43	351
30 to 34 percent -----	1 541	133	152	218	168	212	331	154	116	57	373
35 percent or more -----	3 263	505	419	466	343	372	538	295	183	142	335
Not computed -----	136	21	28	18	16	17	9	18	5	4	303
Median -----	18.9	14.4	15.9	17.9	19.0	20.8	22.7	23.2	24.4	24.9	...
<b>SELECTED CHARACTERISTICS</b>											
Heating equipment -----	25 612	4 113	4 446	4 182	3 495	2 842	3 581	1 572	887	494	301
Steam or hot water system -----	578	65	70	121	92	45	81	45	20	39	318
Central warm-air furnace or electric heat pump -----	20 808	2 490	3 335	3 418	2 984	2 546	3 291	1 460	848	436	319
Other built-in electric units -----	611	42	127	121	106	105	71	25	6	8	307
Floor, wall, or pipeless furnace -----	1 395	636	399	186	85	42	27	9	5	6	208
Other means -----	2 220	880	515	336	228	104	111	33	8	5	222
Air conditioning -----	19 653	2 302	2 931	3 030	2 885	2 429	3 219	1 501	868	488	327
Central system -----	14 222	848	1 464	1 932	2 309	2 015	2 905	1 425	847	477	364
1 or more individual room units -----	5 431	1 454	1 467	1 098	576	414	314	76	21	11	243
House heating fuel -----	25 612	4 113	4 446	4 182	3 495	2 842	3 581	1 572	887	494	301
Utility gas -----	21 172	3 629	3 808	3 509	2 834	2 377	2 841	1 194	659	321	295
Bottled, tank, or LP gas -----	1 803	173	255	355	242	185	323	127	80	63	324
Electricity -----	1 835	96	205	218	287	208	347	226	143	105	377
Fuel oil, kerosene, etc. -----	25	—	8	—	7	—	—	5	5	—	332
Other -----	777	215	170	100	125	72	70	20	—	5	252

Table A—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The SMSA

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units -----	16 012	608	3 277	4 478	3 424	2 017	1 526	414	268	98
PERSONS IN UNIT										
1 person -----	4 907	356	1 568	1 518	840	324	213	45	43	84
2 persons -----	7 791	213	1 294	2 173	1 880	1 088	805	180	158	103
3 persons -----	1 852	36	242	400	413	369	255	93	44	115
4 persons -----	938	—	122	243	202	146	164	38	23	113
5 persons -----	354	3	51	B3	59	72	56	30	—	117
6 persons -----	116	—	—	36	16	16	25	23	—	134
7 persons -----	44	—	—	20	11	—	B	5	—	105
B or more persons -----	10	—	—	5	3	2	—	—	—	100
Median -----	1.90	1.35	1.55	1.83	1.96	2.13	2.18	2.40	2.08	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families -----	9 741	212	1 425	2 620	2 220	1 502	1 188	356	218	107
15 to 24 years -----	52	—	11	33	2	2	—	4	—	B6
25 to 34 years -----	335	19	24	118	50	51	45	28	—	103
35 to 44 years -----	741	12	103	189	135	133	134	26	9	112
45 to 64 years -----	4 358	57	573	1 126	964	721	579	216	122	111
65 years and over -----	4 255	124	714	1 154	1 069	595	430	82	87	103
Male householder, no wife present -----	1 081	109	329	258	235	60	56	2	12	84
15 to 24 years -----	20	7	—	4	9	—	—	—	—	94
25 to 34 years -----	85	16	38	15	7	—	2	—	7	67
35 to 44 years -----	93	17	18	27	25	—	6	—	—	B6
45 to 64 years -----	264	15	60	67	53	36	31	2	—	96
65 years and over -----	599	54	213	145	141	24	17	—	5	81
Female householder, no husband present -----	5 210	287	1 523	1 600	969	455	282	56	38	87
15 to 24 years -----	1	1	—	—	—	—	—	—	—	50—
25 to 34 years -----	89	5	18	19	15	25	7	—	—	104
35 to 44 years -----	144	3	22	43	18	47	3	B	—	106
45 to 64 years -----	1 313	34	339	357	320	133	92	21	17	95
65 years and over -----	3 663	244	1 144	1 181	616	250	180	27	21	84
Median age -----	66.0	70.9	69.5	66.7	66.0	63.1	62.4	59.9	62.5	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	779	49	105	210	130	129	128	16	12	105
1975 to 1978 -----	2 312	96	314	541	496	416	292	119	38	110
1970 to 1974 -----	2 448	77	350	677	525	350	312	94	63	106
1960 to 1969 -----	4 462	129	B62	1 234	1 155	573	391	65	53	100
1959 or earlier -----	6 011	257	1 646	1 816	1 118	549	403	120	102	90
ROOMS										
1 to 3 rooms -----	396	95	157	85	28	31	—	—	—	66
4 rooms -----	3 172	305	1 287	978	402	126	54	13	7	75
5 rooms -----	5 122	151	1 207	1 672	1 182	524	317	41	28	93
6 rooms -----	4 105	43	470	1 208	1 176	681	397	76	54	107
7 rooms -----	1 907	9	111	382	440	418	413	84	50	126
8 or more rooms -----	1 310	5	45	153	196	237	345	200	129	153
Median -----	5.4	4.2	4.7	5.2	5.6	6.0	6.5	7.4	7.4	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	993	10	53	184	203	221	199	95	28	130
1970 to 1974 -----	1 332	12	39	251	334	257	297	99	43	128
1960 to 1969 -----	3 137	18	269	866	897	580	399	58	50	112
1950 to 1959 -----	3 156	BB	655	892	715	359	311	75	61	98
1940 to 1949 -----	2 080	137	604	605	400	197	116	10	11	87
1939 or earlier -----	5 314	343	1 657	1 680	875	403	204	77	75	85
VALUE										
Less than \$10,000 -----	1 054	193	397	285	114	41	10	5	9	71
\$10,000 to \$19,999 -----	3 378	291	1 355	1 085	396	173	67	6	5	76
\$20,000 to \$29,999 -----	3 648	94	1 030	1 315	726	263	165	42	13	BB
\$30,000 to \$39,999 -----	2 981	15	360	1 026	904	411	206	16	43	102
\$40,000 to \$49,999 -----	2 037	4	84	493	649	471	306	25	5	117
\$50,000 to \$59,999 -----	1 139	—	44	168	348	276	234	40	29	126
\$60,000 to \$79,999 -----	1 103	11	7	89	221	308	365	64	38	143
\$80,000 to \$99,999 -----	267	—	—	5	53	64	91	38	16	156
\$100,000 to \$149,999 -----	331	—	—	12	13	10	75	162	59	217
\$150,000 or more -----	74	—	—	—	—	—	7	16	51	250+
Median -----	\$29 700	\$13 200	\$19 200	\$26 400	\$34 400	\$42 200	\$50 300	\$86 000	\$77 500	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	7 590	310	1 449	2 166	1 623	924	717	268	133	98
10 to 14 percent -----	3 028	148	637	816	650	414	286	49	28	97
15 to 19 percent -----	1 671	51	360	438	401	211	168	25	17	99
20 to 24 percent -----	1 229	54	362	300	212	171	97	17	16	92
25 to 29 percent -----	691	—	137	211	154	93	52	16	28	100
30 to 34 percent -----	543	10	120	160	105	65	57	20	6	97
35 percent or more -----	1 160	18	189	377	255	124	144	19	34	100
Not computed -----	100	17	23	10	24	15	5	—	6	100
Median -----	10.6	10—	11.4	10.4	10.6	10.9	10.8	10—	10—	...
SELECTED CHARACTERISTICS										
Heating equipment -----	16 006	608	3 277	4 478	3 418	2 017	1 526	414	268	98
Steam or hot water system -----	441	—	40	137	50	82	67	45	20	122
Central warm-air furnace or electric heat pump -----	10 509	116	1 331	2 853	2 745	1 626	1 272	326	240	109
Other built-in electric units -----	239	15	35	60	53	47	29	—	—	104
Floor, wall, or pipeless furnace -----	1 951	199	787	589	210	61	93	6	6	75
Other means -----	2 866	278	1 084	B39	360	201	65	37	2	77
Air conditioning -----	10 694	177	1 599	2 768	2 605	1 621	1 282	389	253	108
Central system -----	6 011	18	315	1 201	1 638	1 230	1 067	325	217	122
1 or more individual room units -----	4 683	159	1 284	1 567	967	391	215	64	36	89
House heating fuel -----	16 006	608	3 277	4 478	3 418	2 017	1 526	414	268	98
Utility gas -----	13 870	540	3 010	3 933	2 931	1 700	1 225	313	218	97
Bottled, tank, or LP gas -----	1 167	2	102	318	291	163	207	61	23	114
Electricity -----	494	19	41	101	100	102	75	29	27	121
Fuel oil, kerosene, etc. -----	39	—	—	7	11	14	7	—	—	128
Other -----	436	47	124	119	85	38	12	11	—	B5

Table A-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.]

The SMSA	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
	Occupied housing units	52 807	8 970	8 963	11 564	12 057	11 253	24 371	4 267	4 014	4 324	6 433
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	38 960	7 620	7 392	9 095	8 149	6 704	9 535	1 458	1 281	1 896	2 762	2 138
15 to 24 years	1 578	435	284	354	328	177	2 445	365	310	591	786	393
25 to 34 years	8 419	2 823	2 041	1 438	1 170	947	3 660	644	462	714	1 090	750
35 to 44 years	8 092	2 080	2 077	1 920	1 148	867	1 190	175	158	203	389	265
45 to 64 years	14 332	1 864	2 327	3 938	3 485	2 718	1 457	141	260	257	346	453
65 years and over	6 539	418	663	1 445	2 018	1 995	783	133	91	131	151	277
Male householder, no wife present	3 413	479	398	583	952	1 001	5 611	1 195	903	797	1 436	1 280
15 to 24 years	265	33	72	40	90	30	2 123	458	383	331	534	417
25 to 34 years	825	207	100	121	228	169	1 755	420	241	235	492	367
35 to 44 years	524	127	92	127	86	92	575	144	95	49	159	128
45 to 64 years	780	103	80	166	242	189	619	84	88	125	147	175
65 years and over	1 019	9	54	129	306	521	539	89	96	57	104	193
Female householder, no husband present	10 434	871	1 173	1 886	2 956	3 548	9 225	1 614	1 830	1 631	2 235	1 915
15 to 24 years	176	40	35	19	53	29	2 450	587	477	405	575	406
25 to 34 years	1 073	290	241	185	261	96	2 272	345	461	523	657	286
35 to 44 years	950	187	203	216	206	138	927	188	173	194	211	161
45 to 64 years	3 218	187	375	776	960	920	1 379	156	310	188	288	437
65 years and over	5 017	167	319	690	1 476	2 365	2 197	338	409	321	504	625
Median age	50.2	37.3	41.6	50.8	56.5	61.7	30.5	29.0	31.5	28.9	29.8	35.9
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	6 913	2 939	1 033	1 136	958	847	14 201	3 208	2 375	2 498	3 593	2 527
1975 to 1978	16 017	6 031	3 127	2 737	2 172	1 950	7 054	1 059	1 227	1 288	1 921	1 559
1970 to 1974	10 029	-	4 803	2 063	1 845	1 318	1 805	-	-	412	329	464
1960 to 1969	10 574	-	-	5 628	2 828	2 118	879	-	-	209	287	383
1959 or earlier	9 274	-	-	-	4 254	5 020	432	-	-	-	168	264
<b>ROOMS</b>												
1 room	79	19	29	18	5	8	736	131	143	77	183	202
2 rooms	122	8	26	22	29	37	1 573	200	282	291	331	469
3 rooms	1 014	97	127	168	252	370	4 796	993	834	882	1 012	1 075
4 rooms	7 773	732	936	1 172	2 477	2 456	8 393	1 845	1 451	1 552	2 221	1 324
5 rooms	15 563	2 458	2 531	3 268	4 012	3 294	5 366	785	855	929	1 609	1 188
6 rooms	13 788	2 313	2 446	3 578	2 938	2 513	2 288	212	374	453	615	634
7 or more rooms	14 468	3 343	2 868	3 338	2 344	2 575	1 219	101	75	140	462	441
Median	5.6	6.0	5.8	5.8	5.3	5.3	4.1	3.9	4.0	4.1	4.3	4.2
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use	52 309	8 951	8 920	11 515	11 954	10 969	23 961	4 258	3 989	4 305	6 321	5 088
0.50 or less	35 929	5 544	5 189	7 850	8 806	8 540	14 707	2 800	2 545	2 597	3 619	3 146
0.51 to 1.00	15 630	3 284	3 551	3 524	3 010	2 261	8 446	1 381	1 357	1 525	2 417	1 766
1.01 to 1.50	681	112	158	133	118	160	589	42	87	114	211	135
1.51 or more	69	11	22	8	20	8	219	35	-	69	74	41
Lacking complete plumbing for exclusive use	498	19	43	49	103	284	410	9	25	19	112	245
0.50 or less	277	-	15	14	57	191	232	4	13	7	55	153
0.51 to 1.00	164	19	12	35	40	58	164	5	12	12	49	86
1.01 to 1.50	41	-	-	-	6	35	8	-	-	-	8	-
1.51 or more	16	-	16	-	-	-	6	-	-	-	-	6
<b>PERSONS IN UNIT</b>												
1 person	9 350	724	866	1 579	2 793	3 388	8 901	1 687	1 607	1 385	2 043	2 179
2 persons	19 051	2 613	2 651	4 511	4 962	4 314	7 458	1 454	1 200	1 448	1 904	1 452
3 persons	9 609	1 944	2 011	2 142	2 041	1 471	3 893	620	716	744	1 172	641
4 persons	9 279	2 451	2 186	2 163	1 328	1 151	2 455	380	285	428	769	593
5 persons	3 770	926	852	824	601	567	1 045	75	137	251	313	269
6 or more persons	1 748	312	397	345	332	362	619	51	69	68	232	199
Median	2.40	3.09	2.98	2.43	2.15	2.02	1.94	1.81	1.83	2.04	2.12	1.84
Total persons	145 848	28 756	28 066	32 569	29 654	26 803	52 503	8 471	8 110	9 769	14 741	11 412
<b>UNITS IN STRUCTURE</b>												
1, detached or attached	49 085	8 107	7 644	10 726	11 741	10 867	11 325	916	938	1 672	4 524	3 275
2	491	70	31	76	132	182	2 373	581	358	310	608	516
3 and 4	225	23	14	39	35	114	1 796	347	309	213	403	524
5 to 9	70	-	9	25	9	27	1 577	219	278	290	312	478
10 to 49	87	22	2	4	18	41	4 425	1 426	1 016	1 096	437	450
50 or more	15	5	5	-	5	2	2 075	654	816	477	64	64
Mobile home or trailer, etc.	2 834	743	1 258	694	122	17	800	124	299	266	85	26
<b>SELECTED CHARACTERISTICS</b>												
Housing equipment	52 793	8 970	8 963	11 558	12 057	11 245	24 365	4 267	4 014	4 324	6 427	5 333
Steam or hot water system	1 384	197	136	265	316	470	1 365	48	63	188	371	695
Central warm-air furnace or electric heat pump	37 918	7 606	7 714	9 969	7 442	5 187	14 926	3 644	3 382	3 340	2 855	1 705
Other built-in electric units	1 424	469	481	246	123	105	1 096	440	314	135	138	69
Floor, wall, or pipeless furnace	3 940	59	77	319	1 800	1 685	2 789	57	78	296	1 455	903
Other means	8 127	639	555	759	2 376	3 798	4 189	78	177	365	1 608	1 961
Air conditioning	36 955	7 408	7 504	9 108	7 601	5 334	14 444	3 888	3 394	3 174	2 368	1 620
Central system	23 878	6 694	6 186	6 404	3 249	3 455	9 504	3 548	2 775	2 117	758	306
1 or more individual room units	13 077	714	1 318	2 704	4 352	3 989	4 940	240	619	1 057	1 610	1 314
House heating fuel	52 793	8 970	8 963	11 558	12 057	11 245	24 365	4 267	4 014	4 324	6 427	5 333
Utility gas	38 722	5 614	6 103	9 071	9 827	8 107	18 004	2 376	2 465	3 441	5 529	4 193
Battled, tank, or LP gas	7 540	1 108	1 521	1 529	1 402	1 980	1 664	99	249	292	420	604
Electricity	3 599	1 716	933	559	207	184	4 023	1 786	1 260	564	276	137
Fuel oil, kerosene, etc.	157	16	12	12	43	74	62	-	9	-	18	35
Other	2 775	516	394	387	578	900	612	6	31	27	184	364
Income in 1979 below poverty level	4 663	450	490	651	1 266	1 806	6 085	793	1 049	843	1 692	1 708
Percent below poverty level	8.8	5.0	5.5	5.6	10.5	16.0	25.0	18.6	26.1	19.5	26.3	32.0
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000	5 712	365	509	795	1 655	2 388	5 892	766	1 056	823	1 481	1 766
\$5,000 to \$9,999	8 165	764	845	1 521	2 348	2 687	7 046	1 028	1 029	1 260	2 084	1 645
\$10,000 to \$12,499	4 262	515	642	893	1 091	1 121	2 930	554	480	583	742	571
\$12,500 to \$14,999	4 236	603	653	965	1 148	867	2 409	514	403	430	708	354
\$15,000 to \$19,999	8 685	1 668	1 683	1 904	1 875	1 555	3 175	621	566	611	854	523
\$20,000 to \$24,999	7 613	1 557	1 580	1 835	1 560	1 081	1 496	406	221	280	355	234
\$25,000 to \$34,999	8 535	2 067	1 797	2 219	1 442	1 010	943					

Table A-8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA

The SMSA	Owner-occupied housing units						Renter-occupied housing units					
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3	23	73	33	
								2	10	116	27.8	
Occupied housing units	52 807	49 085	888	2 834	24 371	11 325	2 373	1 796	1 577	4 425	2 075	800
Condominium housing units	38	31	7	—	132	—	—	3	23	73	33	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	38 960	36 590	510	1 860	9 535	6 255	886	429	306	849	443	367
15 to 24 years	1 578	1 175	13	390	2 445	1 300	262	145	81	316	195	146
25 to 34 years	8 419	7 837	68	514	3 660	2 463	365	178	133	265	121	135
35 to 44 years	8 092	7 739	67	286	1 190	916	74	60	18	58	12	52
45 to 64 years	14 332	13 646	183	503	1 457	1 122	82	28	48	117	39	21
65 years and over	6 539	6 193	179	167	783	454	103	18	26	93	76	13
Male householder, no wife present	3 413	2 933	117	363	5 611	1 859	534	504	1 425	592	193	—
15 to 24 years	265	187	6	72	2 123	577	182	219	165	695	225	60
25 to 34 years	825	707	26	92	1 755	665	213	116	150	412	131	68
35 to 44 years	524	450	27	47	575	233	52	35	51	111	66	27
45 to 64 years	780	669	32	79	619	188	38	84	81	134	71	23
65 years and over	1 019	920	26	73	539	196	49	50	57	99	15	15
Female householder, no husband present	10 434	9 562	261	611	9 225	3 211	953	863	767	2 151	1 040	240
15 to 24 years	176	130	—	46	2 450	569	223	257	294	803	265	39
25 to 34 years	1 073	927	29	117	2 272	949	250	172	147	421	220	113
35 to 44 years	950	877	6	67	927	421	104	37	57	212	56	40
45 to 64 years	3 218	2 947	70	201	1 379	538	128	158	88	314	125	28
65 years and over	5 017	4 681	156	180	2 197	734	248	239	181	401	374	20
Median age	50.2	50.5	60.1	39.1	30.5	32.3	29.9	29.6	29.8	27.5	31.9	28.6
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	6 913	6 069	162	682	14 201	5 984	1 439	1 125	989	2 958	1 184	522
1975 to 1978	16 017	14 635	171	1 211	7 054	3 492	659	470	472	1 072	665	224
1970 to 1974	10 029	9 233	115	681	1 805	919	159	130	75	296	200	26
1960 to 1969	10 574	10 106	228	240	879	591	90	50	23	80	19	26
1959 or earlier	9 274	9 042	212	20	432	339	26	21	16	19	7	2
ROOMS												
1 room	79	45	—	34	736	13	13	40	143	284	240	3
2 rooms	122	66	31	25	1 573	133	67	153	290	564	346	20
3 rooms	1 014	667	72	275	4 796	857	503	717	503	1 362	690	164
4 rooms	7 773	6 142	243	1 388	8 393	3 508	1 219	595	369	1 743	573	386
5 rooms	15 563	14 517	246	800	5 366	3 691	452	240	179	434	200	170
6 rooms	13 788	13 467	121	200	2 288	1 992	96	32	75	25	42	42
7 or more rooms	14 468	14 181	175	112	1 219	1 131	23	19	18	13	—	15
Median	5.6	5.7	4.9	4.3	4.1	4.8	4.0	3.5	3.2	3.5	3.2	4.1
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	52 309	48 679	845	2 785	23 961	11 203	2 332	1 732	1 505	4 329	2 070	790
0.50 or less	35 929	33 679	621	1 629	14 707	6 360	1 482	1 176	991	2 918	1 368	412
0.51 to 1.00	15 630	14 377	199	1 054	8 446	4 390	829	495	479	1 304	598	351
1.01 to 1.50	681	581	19	81	589	388	14	40	5	83	32	27
1.51 or more	69	42	6	21	219	65	7	21	30	24	72	—
Locking complete plumbing for exclusive use	498	406	43	49	410	122	41	64	72	96	5	10
0.50 or less	277	243	19	15	232	66	36	51	38	26	5	10
0.51 to 1.00	164	125	18	21	164	48	5	13	34	64	—	—
1.01 to 1.50	41	29	6	8	8	8	—	—	—	—	—	—
1.51 or more	16	9	—	7	6	—	—	—	—	6	—	—
BEDROOMS												
None	99	59	6	34	1 020	39	38	77	181	384	298	3
1	1 880	1 524	151	205	6 969	1 442	650	936	860	1 906	1 060	115
2	15 745	13 555	403	1 787	11 318	5 663	1 528	652	383	1 955	576	561
3	28 224	27 231	226	767	4 440	3 620	142	123	137	167	141	110
4	5 683	5 591	58	34	560	503	9	8	16	13	—	11
5 or more	1 176	1 125	44	7	64	58	6	—	—	—	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	5 712	5 258	82	372	5 892	2 225	466	585	576	1 194	643	203
\$5,000 to \$9,999	8 165	7 293	254	618	7 046	2 987	754	545	460	1 347	666	287
\$10,000 to \$12,499	4 262	3 782	105	375	2 930	1 381	321	198	170	493	256	111
\$12,500 to \$14,999	4 236	3 848	43	345	2 409	1 235	189	130	130	490	140	95
\$15,000 to \$19,999	8 685	7 960	142	583	3 175	1 803	290	190	163	483	196	50
\$20,000 to \$24,999	7 613	7 268	64	281	1 496	874	173	102	30	186	102	29
\$25,000 to \$34,999	8 535	8 216	116	203	943	529	144	43	21	141	45	20
\$35,000 to \$49,999	3 479	3 400	42	37	308	190	19	3	20	51	20	5
\$50,000 or more	2 120	2 060	40	20	172	101	17	7	40	7	—	—
Median	\$17 228	\$17 689	\$12 674	\$12 877	\$9 446	\$10 816	\$9 753	\$7 914	\$7 092	\$8 686	\$7 643	\$8 757
Mean	\$20 168	\$20 573	\$17 699	\$13 933	\$11 223	\$12 478	\$11 732	\$9 133	\$9 158	\$10 480	\$9 438	\$9 462
SELECTED CHARACTERISTICS												
Heating equipment	52 793	49 071	888	2 834	24 365	11 325	2 373	1 796	1 571	4 425	2 075	800
Steam or hot water system	1 384	1 331	48	5	1 365	162	44	148	268	507	222	14
Central warm-air furnace or electric heat pump	37 918	35 051	594	2 273	14 926	5 649	1 631	1 171	957	3 257	1 572	689
Other built-in electric units	1 424	1 316	21	87	1 096	215	82	111	75	382	228	3
Flair, wall, or pipeless furnace	3 940	3 802	50	88	2 789	2 156	280	109	89	101	23	31
Other means	8 127	7 571	175	361	4 189	3 143	336	257	182	178	30	63
Air conditioning	36 955	34 490	545	1 920	14 444	5 094	1 464	994	891	3 624	1 914	463
Central system	23 878	22 737	275	866	9 504	2 324	1 057	628	626	3 023	1 707	139
Vehicles available	49 941	46 433	796	2 712	21 011	10 169	2 059	1 383	1 271	3 742	1 663	724
1	15 033	13 537	386	1 110	12 077	4 821	1 287	889	882	2 547	1 215	436
2 or more	34 908	32 896	410	1 602	8 934	5 348	772	494	389	1 195	448	288
House heating fuel	52 793	49 071	888	2 834	24 365	11 325	2 373	1 796	1 571	4 425	2 075	800
Utility gas	38 722	37 053	637	1 032	18 004	9 018	2 012	1 466	1 374	2 678	1 037	419
Bottled, tank, or LP gas	7 540	6 036	145	1 359	1 664	1 201	38	29	33	21	339	339
Electricity	3 599	3 292	46	261	4 023	555	310	282	123	1 674	1 010	29
Fuel oil, kerosene, etc.	157	152	5	—	62	26	—	—	19	8	—	9
Other	2 775	2 538	55	182	612	525	13	19	12	32	7	4
Water heating fuel	52 537	48 851	868	2 818	24 293	11 257	2 373	1 796	1 577	4 425	2 075	790
Utility gas	37 626	36 259	615	752	17 839	8 807	2 012	1 432	1 357	2 813	1 062	356
Bottled, tank, or LP gas	7 192	5 827	140	1 225	1 769	1 305	43	31	22	41	49	278
Electricity	7 657	6 718	113	836	4 648	1 130	318	328	190	1 571	964	147
Fuel oil, kerosene, etc.	18	18	—	—	17	—	—	—	8	—	—	9
Other	34	29	—	5	20	15	—	5	64	167	49	74
Family householder	42 925	40 185	633	2 107	12 872	7 981	1 274	644	514	1 309	625	525
With own children under 18 years	20 603	19 341	183	1 079	7 521	4 818	727	364	281	652	269	410
With own children under 6 years	8 169	7 515	91	563	4 499	2 710	484	250	155	437	164	299
Female householder, no husband present	3											

Table A-9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8]

## The SMSA

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
<b>Owner-occupied housing units</b>	<b>52 807</b>	<b>9 350</b>	<b>19 051</b>	<b>9 609</b>	<b>9 279</b>	<b>3 770</b>	<b>1 173</b>	<b>407</b>	<b>168</b>	<b>2.40</b>	<b>145 848</b>
Nonrelatives present	1 037	—	448	261	117	127	43	23	18	2.77	3 449
<b>ROOMS</b>											
1 to 3 rooms	1 215	618	457	115	19	6	—	—	—	1.48	2 054
4 rooms	7 773	2 746	3 217	1 028	544	179	52	7	—	1.85	16 023
5 rooms	15 563	3 193	5 884	2 767	2 318	1 097	222	61	21	2.28	40 384
6 rooms	13 788	1 805	5 289	2 804	2 568	942	292	72	16	2.46	38 589
7 rooms	7 320	587	2 485	1 595	1 744	596	203	63	47	2.87	22 658
8 or more rooms	7 148	401	1 719	1 300	2 086	950	404	204	84	3.57	26 140
Median	5.6	4.9	5.5	5.8	6.2	6.1	6.6	7.5	7.5	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
Complete plumbing for exclusive use	52 309	9 167	18 905	9 524	9 230	3 757	1 159	399	168	2.40	144 705
1.00 or less	51 559	9 167	18 875	9 509	9 223	3 572	899	267	47	2.38	140 398
1.01 to 1.50	681	—	—	15	7	179	260	125	95	6.04	3 993
1.51 or more	69	—	30	—	—	6	—	7	26	5.25	314
Lacking complete plumbing for exclusive use	498	183	146	85	49	13	14	8	—	1.95	1 143
1.00 or less	441	183	139	69	37	13	—	—	—	1.77	870
1.01 to 1.50	41	—	—	7	12	—	14	8	—	5.61	238
1.51 or more	16	—	7	9	—	—	—	—	—	2.61	35
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	49 085	8 449	17 639	8 980	8 837	3 532	1 116	376	156	2.41	136 260
2 or more	888	245	377	97	70	53	32	8	6	2.03	2 297
Mobile home or trailer, etc.	2 834	656	1 035	532	372	185	25	23	6	2.24	7 291
<b>VALUE</b>											
Specified owner-occupied housing units	41 624	7 275	14 805	7 616	7 568	2 992	934	294	140	2.41	115 377
Less than \$10,000	1 391	608	477	132	74	78	11	8	3	1.68	2 878
\$10,000 to \$19,999	5 498	1 852	2 004	787	476	237	95	20	27	1.95	12 688
\$20,000 to \$29,999	7 964	1 861	2 986	1 328	1 048	520	165	31	25	2.21	20 113
\$30,000 to \$39,999	9 414	1 485	3 376	1 693	1 801	712	228	96	23	2.45	26 125
\$40,000 to \$49,999	6 907	782	2 385	1 462	1 571	509	124	50	24	2.70	20 301
\$50,000 to \$59,999	3 913	351	1 401	864	881	292	93	26	5	2.74	11 878
\$60,000 to \$79,999	4 091	232	1 395	865	1 063	363	93	47	33	2.98	13 184
\$80,000 to \$99,999	1 201	47	378	264	334	125	47	6	—	3.16	4 005
\$100,000 to \$149,999	1 002	47	321	216	235	114	64	5	—	3.12	3 212
\$150,000 or more	243	10	82	5	85	42	14	5	—	3.79	993
Median	\$36 000	\$26 200	\$35 300	\$39 200	\$42 200	\$39 200	\$38 600	\$39 200	\$34 200	...	...
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	52 807	9 350	19 051	9 609	9 279	3 770	1 173	407	168	2.40	145 848
Median income	17 228	\$6 600	\$16 008	\$20 954	\$21 748	\$22 031	\$22 435	\$24 446	\$20 536	...	...
Median selected monthly owner costs as percentage of household income	16.2	21.9	13.7	15.6	16.9	17.0	16.1	15.2	21.2	...	...
With o mortgage	18.9	26.3	18.8	18.0	18.1	18.8	17.4	17.0	21.4	...	...
Not mortgaged	10.6	19.2	10—	10—	10—	10—	10—	10—	17.0	...	...
Income in 1979 below poverty level	4 663	2 090	1 194	399	437	311	110	55	67	1.70	...
Median income	\$3 205	\$2 722	\$3 203	\$3 010	\$5 201	\$5 890	\$6 250	\$7 062	\$10 625	...	...
Median selected monthly owner costs as percentage of household income	43.0	39.2	41.4	50+	50+	48.8	50+	50+	27.8	...	...
With o mortgage	50+	50+	50+	50+	50+	50+	50+	50+	29.7	...	...
Not mortgaged	34.6	36.7	30.4	36.3	23.1	16.3	50+	—	21.5	...	...
Renter-occupied housing units	24 371	8 901	7 458	3 893	2 455	1 045	353	207	59	1.94	52 503
Nonrelatives present	3 091	—	1 978	624	281	135	44	20	9	2.28	7 894
<b>ROOMS</b>											
1 room	736	625	111	—	—	—	—	—	—	1.09	805
2 rooms	1 573	1 200	286	55	21	11	—	—	—	1.16	1 987
3 rooms	4 796	3 146	1 297	277	58	11	7	—	—	1.26	6 745
4 rooms	8 393	2 621	3 286	1 504	746	161	40	28	7	1.98	17 023
5 rooms	5 366	966	1 638	1 268	849	414	138	71	22	2.56	14 434
6 rooms	2 288	249	578	568	456	262	102	51	22	3.06	7 220
7 or more rooms	1 219	94	262	221	325	186	66	57	8	3.60	4 289
Median	4.1	3.3	4.1	4.6	5.0	5.3	5.4	5.6	5.5	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
Complete plumbing for exclusive use	23 961	8 624	7 385	3 867	2 434	1 032	353	207	59	1.95	51 875
1.00 or less	23 153	8 624	7 280	3 820	2 355	849	168	57	—	1.91	47 902
1.01 to 1.50	589	—	—	47	58	161	178	122	23	5.66	3 123
1.51 or more	219	—	105	—	21	22	7	28	36	3.71	850
Lacking complete plumbing for exclusive use	410	277	73	26	21	13	—	—	—	1.24	628
1.00 or less	396	277	67	18	21	13	—	—	—	1.21	601
1.01 to 1.50	8	—	—	8	—	—	—	—	—	3.00	15
1.51 or more	6	—	6	—	—	—	—	—	—	2.00	12
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	11 325	2 459	3 517	2 213	1 813	824	272	178	49	2.41	29 388
2	2 373	869	810	457	174	21	27	15	—	1.89	4 933
3 and 4	1 796	874	564	196	111	30	15	6	—	1.54	3 265
5 to 9	1 577	874	452	184	24	22	11	—	10	1.40	2 559
10 to 49	4 425	2 322	1 368	474	187	62	12	—	—	1.45	7 253
50 or more	2 075	1 250	558	154	50	47	8	8	—	1.33	3 249
Mobile home or trailer, etc.	800	253	189	215	96	39	8	—	—	2.28	1 856
<b>GROSS RENT</b>											
Specified renter-occupied housing units	23 003	8 636	7 001	3 692	2 172	970	293	180	59	1.91	49 175
Less than \$100	1 686	1 308	222	78	39	30	2	—	7	1.14	2 237
\$100 to \$149	3 312	1 810	826	308	227	84	28	26	3	1.41	5 680
\$150 to \$199	5 606	2 407	1 689	882	364	172	50	23	19	1.73	10 746
\$200 to \$249	5 830	1 828	2 029	1 065	629	188	55	36	—	2.04	12 692
\$250 to \$299	2 869	608	1 035	622	307	209	45	21	22	2.30	7 266
\$300 to \$349	1 436	203	579	321	205	83	21	16	8	2.39	3 894
\$350 to \$399	646	53	167	177	153	52	44	—	—	3.08	1 933
\$400 to \$449	514	57	102	84	118	99	32	22	—	3.62	1 817
\$500 or more	135	29	12	19	30	18	14	13	—	3.75	511
No cash rent	969	333	340	136	100	35	2	23	—	1.95	2 399
Median	\$203	\$173	\$212	\$222	\$234	\$248	\$256	\$232	\$251	...	...
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	24 371	8 901	7 458	3 893	2 455	1 045	353	207	59	1.94	52 503
Median income	\$9 446	\$6 341	\$11 083	\$11 403	\$12 113	\$11 921	\$12 519	\$14 417	\$14 063	...	...
Median gross rent as percentage of household income	25.5	28.9	23.2	24.4	22.5	24.8	30.2	24.0	17.2	...	...
Income in 1979 below poverty level	6 085	2 547	1 458	839	648	336	161	68	28	1.84	...
Median income	\$3 551	\$2 750	\$3 873	\$4 121	\$5 000	\$5 531	\$5 536	\$7 727	\$8 750	...	...
Median gross rent as percentage of household income	50+	50+	50+	46.2	45.9	39.6	34.0	37.0	37.0	...	...

Table A—10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and B.)

The SMSA		Married-couple families										Male householder, no wife present										Median age	
		15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over		
Owner-occupied housing units		52 807	1 578	8 419	8 092	14 332	6 539	265	825	524	780	1 019	176	1 073	950	3 218	5 017	50.2					
PERSONS IN UNIT		9 350	780	1 675	644	7 430	5 769	178	598	335	532	842	70	407	221	1 929	4 238	66.8					
1 person		19 051	521	2 248	1 553	3 605	616	14	73	131	96	149	60	308	152	819	590	59.3					
2 persons		9 609	205	3 166	2 002	91	91	14	76	14	76	14	45	170	190	304	130	44.5					
3 persons		9 279	65	1 748	995	806	704	—	—	6	14	18	11	1	136	101	94	33	37.7				
4 persons		3 770	7	3 559	805	511	37	—	—	3	3	3	—	45	83	46	12	39.4					
5 persons		1 748	2 52	3 559	4 04	2 46	2 07	1 24	1 19	1 28	1 23	1 11	—	7	7	26	14	41.9					
6 or more persons		2 40	4 559	30 124	33 878	4 1 426	14 267	1 224	816	1 148	1 243	1 11	1 80	1 92	2 23	1 33	1 33	14	41.9				
Total persons		145 848	—	—	—	—	—	—	—	—	—	—	—	—	—	338	2 302	5 384	6 329	... ...			
PLUMBING FACILITIES BY PERSONS PER ROOM																							
Complete plumbing for exclusive use		52 309	1 571	8 400	8 057	14 197	6 474	262	817	512	759	950	—	176	1 073	943	3 176	4 942	50.1				
1 or more persons per room		750	21	198	241	196	135	—	8	12	—	—	—	—	—	35	—	75	6	40.7			
Locking complete plumbing for exclusive use		498	7	19	35	18	24	—	—	—	—	—	—	—	—	42	—	75	6	61.8			
1 or more persons per room		57	—	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	44.0			
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																							
Specified owner-occupied housing units		41 624	1 089	7 121	6 636	10 757	5 162	170	639	393	543	734	124	844	810	2 542	4 060	49.6					
With a mortgage		25 612	1 037	6 786	5 895	6 309	5 907	150	114	83	69	123	111	66	66	1 229	397	39.6					
Less than 15 percent		8 400	199	1 705	2 220	3 385	156	10	114	72	38	28	11	60	106	225	33	43.8					
15 to 19 percent		5 498	179	1 746	1 387	2 271	186	7	96	40	57	5	26	168	94	132	176	42					
20 to 24 percent		4 365	276	1 509	975	668	109	43	143	52	66	30	32	11	87	81	214	38	35.1				
25 to 29 percent		2 409	189	734	415	415	104	52	115	26	42	12	32	2	65	59	163	41.1	36.2				
30 to 34 percent		1 541	94	473	362	171	115	237	6	112	36	57	78	62	212	202	212	309	33				
35 percent or more		3 263	100	579	522	469	20	22	6	5	5	25	—	3	7	43	205	205	20.5				
Not computed		1 36	—	20	22	—	—	26.2	23.1	18.4	22.9	39.0	35.1	25.9	24.5	24.5	38.8	38.8	38.8				
Median		18.9	22.5	19.8	17.6	14.5	14.5	25.1	26.2	23.1	20.4	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	
Non managed		16 012	52	353	741	4 255	4 85	4 20	1799	12	44	65	135	192	—	39	40	420	608	60.0			
Less than 10 percent		7 590	41	258	599	3 388	4 258	138	8	26	11	48	103	—	19	53	53	316	655	68.4			
10 to 14 percent		3 028	7	40	82	522	18	566	193	18	4	30	64	—	7	10	174	599	71.3				
15 to 19 percent		1 671	—	6	—	12	12	16	11	53	—	6	82	1	3	19	113	13	72.2				
20 to 24 percent		1 229	—	—	12	12	11	53	187	187	187	187	50	—	6	53	53	309	74.3				
25 to 29 percent		691	—	4	—	7	15	85	90	90	90	90	7	22	51	21	13	156	612	71.9			
30 to 34 percent		543	—	—	10	—	10	10	10	10	10	10	10	—	10	11	11	10	35	66.6			
35 percent or more		100	—	—	10	—	—	—	—	—	—	—	—	—	—	—	—	—	13.0	19.6	... ...		
Not computed		10.6	—	—	10—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Median		24 371	2 445	3 660	1 190	1 457	783	2 123	1 755	575	619	539	2 450	2 272	927	1 379	2 197	30.5					
Renter-occupied housing units																							
PERSONS IN UNIT		8 901	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1 person		7 458	1 396	1 111	161	649	662	556	141	176	107	42	107	42	485	1 091	954	272	963	36.4			
2 persons		3 893	725	1 119	232	322	329	43	55	30	19	13	6	10	44	888	581	259	231	27.6			
3 persons		2 455	231	941	322	339	273	103	14	13	19	13	6	—	335	439	165	115	22				
4 persons		1 045	80	339	139	150	144	144	8	8	5	3	—	40	197	151	41	41	—				
5 persons		619	13	13	413	413	2 75	1 39	1 29	1 36	1 36	1 14	—	16	22	22	22	22	33.9				
6 or more persons		1 94	2 38	3 14	6 118	11 397	5 013	4 438	1 682	3 437	2 698	958	806	572	1 06	1 81	2 24	1 22	1 05	39.2			
Total persons		52 503	6 118	11 397	5 013	4 438	775	2 084	1 745	1 561	598	467	2 415	2 255	913	1 342	2 152	30.4					
PLUMBING FACILITIES BY PERSONS PER ROOM																							
Complete plumbing for exclusive use		23 961	2 404	3 643	1 164	1 443	775	2 084	1 745	1 561	598	467	2 418	2 184	910	1 328	2 144	30.2					
1 or 1 more persons per room		808	89	223	17	26	14	8	39	10	14	21	72	35	17	14	37	45	33.4				
Locking complete plumbing for exclusive use		410	41	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	42.1				
1 or 1 more persons per room		14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	62.5				
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																							
Specified renter-occupied housing units		23 003	2 323	3 279	1 073	1 258	678	2 091	1 675	551	597	494	2 418	2 184	910	1 328	2 144	30.2					
Less than 15 percent		3 432	463	644	280	341	72	223	408	152	152	75	109	183	84	96	146	31.5					
15 to 19 percent		3 764	529	876	195	227	92	294	327	152	152	75	129	325	67	72	134	32.9					
20 to 24 percent		3 427	414	634	148	254	114	254	254	97	97	98	257	375	146	180	253	29.7					
25 to 29 percent		2 636	253	304	176	44	243	104	43	104	104	104	59	285	266	166	176	31.0					
30 to 34 percent		1 842	141	250	184	122	122	124	124	124	124	124	45	310	116	89	101	175	31.7				
35 to 49 percent		3 141	502	153	170	89	124	436	90	124	124	124	45	333	150	150	242	367	31.3				
50 percent or more		1 259	85	146	45	69	67	81	38	45	45	45	45	98	72	51	51	301	512	29.3			
Not computed		25.5	21.5	20.4	21.3	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	32.7				
Median		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	30.5				

Table A—11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Owner-occupied housing units	9 350	2 485	178	598	335	532	842	6 865	70	407	221	1 929	4 238
PLUMBING FACILITIES													
Complete plumbing for exclusive use	9 167	2 393	178	590	323	511	791	6 774	70	407	221	1 905	4 171
Locking complete plumbing for exclusive use	183	92	—	8	12	21	51	91	—	—	—	24	67
UNITS IN STRUCTURE	8 449	2 130	119	520	270	448	773	6 319	45	357	201	1 753	3 963
1, detached or attached	245	83	6	26	22	18	11	162	—	10	—	37	115
2 or more	656	272	53	52	43	66	58	384	25	40	20	139	160
Mobile home or trailer, etc.													
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	3 611	591	21	71	29	87	383	3 020	19	29	17	529	2 426
\$5,000 to \$9,999	2 769	591	48	120	36	112	275	2 178	12	90	59	762	1 255
\$10,000 to \$12,499	842	263	42	53	20	99	49	579	16	81	45	238	199
\$12,500 to \$14,999	676	262	20	89	30	68	55	414	16	85	34	153	126
\$15,000 to \$19,999	765	382	35	160	84	76	27	383	7	79	45	125	127
\$20,000 to \$24,999	309	142	7	39	40	33	23	167	—	24	15	64	64
\$25,000 to \$34,999	210	123	5	34	40	24	20	87	—	11	6	44	26
\$35,000 to \$49,999	87	65	—	13	33	19	—	22	—	8	—	9	5
\$50,000 or more	81	66	—	19	23	14	10	15	—	—	—	5	10
Median	\$6 600	\$10 575	\$11 190	\$14 045	\$18 031	\$11 692	\$5 531	\$5 768	\$10 625	\$12 603	\$11 917	\$7 486	\$4 603
Mean	\$9 641	\$15 438	\$11 366	\$18 469	\$20 521	\$18 073	\$10 460	\$7 542	\$9 401	\$13 141	\$12 253	\$8 857	\$6 129
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	7 275	1 809	104	477	246	362	620	5 466	45	324	174	1 500	3 423
With a mortgage	2 368	996	100	401	188	194	113	1 372	45	275	124	620	308
Less than \$200	833	279	22	69	41	70	77	554	13	53	36	294	158
\$200 to \$249	501	183	17	88	30	39	9	318	5	88	20	127	78
\$250 to \$299	346	120	8	56	19	31	6	226	11	68	22	87	38
\$300 to \$349	261	128	36	36	34	13	9	133	5	37	11	59	21
\$350 to \$399	169	113	—	72	27	14	—	56	—	4	30	22	—
\$400 to \$499	151	107	12	51	18	14	12	44	11	12	5	6	10
\$500 to \$599	73	36	5	4	14	13	—	37	—	13	—	21	3
\$600 to \$749	19	19	—	19	—	—	—	—	—	—	—	—	—
\$750 or more	15	11	—	6	5	—	4	—	—	—	—	4	—
Median	\$235	\$265	\$304	\$289	\$306	\$235	\$151	\$221	\$270	\$248	\$264	\$206	\$197
Not mortgaged	4 907	813	4	76	58	168	507	4 094	—	49	50	880	3 115
Less than \$50	356	94	—	16	17	15	46	262	—	5	—	33	224
\$50 to \$74	1 568	275	—	38	16	46	175	1 293	—	12	7	266	1 008
\$75 to \$99	1 518	189	—	15	11	40	123	1 329	—	19	19	250	1 041
\$100 to \$124	840	157	4	—	14	19	120	683	—	6	182	495	495
\$125 to \$149	324	47	—	—	—	25	22	277	—	13	12	83	169
\$150 to \$199	213	39	—	—	—	23	16	174	—	3	3	35	336
\$200 to \$249	45	—	—	—	—	—	—	45	—	—	3	21	21
\$250 or more	43	12	—	7	—	—	5	31	—	—	—	10	21
Median	\$84	\$80	\$113	\$64	\$69	\$89	\$82	\$84	—	\$85	\$99	\$89	\$83
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	21.9	20.8	26.8	22.5	17.3	18.6	19.7	22.3	35.4	22.3	24.6	21.4	22.4
With a mortgage	26.3	23.5	27.0	23.6	18.5	22.9	41.4	28.6	35.4	23.4	26.7	28.8	43.6
Not mortgaged	19.2	13.9	12.5	10.2	10—	11.4	17.7	20.0	—	10—	12.9	14.7	21.4
Income in 1979 below poverty level	2 090	398	12	54	15	57	260	1 692	19	17	5	378	1 273
Percent below poverty level	22.4	16.0	6.7	9.0	4.5	10.7	30.9	24.6	27.1	4.2	2.3	19.6	30.0
Renter-occupied housing units	8 901	3 610	1 188	1 116	334	487	485	5 291	1 091	954	272	963	2 011
PLUMBING FACILITIES													
Complete plumbing for exclusive use	8 624	3 459	1 154	1 106	320	466	413	5 165	1 072	937	258	926	1 972
Locking complete plumbing for exclusive use	277	151	34	10	14	21	72	126	19	17	14	37	39
UNITS IN STRUCTURE													
1, detached or attached	2 459	1 014	282	337	105	124	166	1 445	178	276	61	309	621
2	869	325	106	140	25	21	33	544	69	132	34	85	224
3 and 4	874	297	119	53	16	67	42	577	140	89	—	114	234
5 to 9	874	407	110	137	38	65	57	467	163	52	15	65	172
10 to 49	2 322	978	398	313	78	116	73	1 344	342	243	115	260	384
50 or more	1 250	444	119	93	62	71	99	806	182	127	27	107	363
Mobile home or trailer, etc.	253	145	54	43	10	23	15	108	17	35	20	23	13
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	3 644	1 209	430	236	77	186	280	2 435	457	119	53	471	1 335
\$5,000 to \$9,999	2 808	1 044	453	292	83	125	111	1 744	483	393	101	299	468
\$10,000 to \$12,499	872	363	130	145	40	32	16	509	65	233	63	76	72
\$12,500 to \$14,999	677	367	83	201	25	23	35	310	67	112	30	39	62
\$15,000 to \$19,999	522	310	70	122	48	48	22	212	19	88	25	38	42
\$20,000 to \$24,999	157	147	8	67	31	33	8	10	—	3	—	7	—
\$25,000 to \$34,999	145	93	14	36	24	13	6	52	—	6	—	19	27
\$35,000 to \$49,999	51	44	—	12	6	19	7	7	—	—	—	7	—
\$50,000 or more	25	13	—	5	—	8	12	—	—	—	—	7	5
Median	\$6 341	\$7 746	\$6 536	\$10 517	\$10 437	\$7 554	\$4 572	\$5 549	\$5 875	\$9 626	\$9 063	\$5 134	\$4 211
Mean	\$7 913	\$9 474	\$7 175	\$11 329	\$12 108	\$11 646	\$6 843	\$6 848	\$6 116	\$9 517	\$8 845	\$7 502	\$5 396
GROSS RENT													
Specified renter-occupied housing units	8 636	3 461	1 156	1 067	320	470	448	5 175	1 074	935	272	931	1 963
Less than \$100	1 308	447	64	90	39	74	180	861	41	31	22	150	617
\$100 to \$149	1 810	837	274	230	58	152	123	973	129	112	27	271	434
\$150 to \$199	2 407	941	418	280	72	125	46	1 466	451	388	87	197	343
\$200 to \$249	1 828	661	249	242	77	73	20	1 167	343	283	110	189	242
\$250 to \$299	608	284	97	118	33	25	11	324	84	66	11	87	76
\$300 to \$349	203	89	25	27	10	11	16	114	6	33	7	21	47
\$350 to \$399	53	28	5	15	—	8	25	—	6	—	—	—	19
\$400 to \$499	57	28	—	10	12	—	6	29	—	—	—	—	29
\$500 or more	29	15	—	5	5	—	5	14	—	—	—	—	14
No cash rent	333	131	24	50	14	10	33	202	20	16	8	16	142
Median	\$173	\$173	\$179	\$185	\$194	\$153	\$113	\$173	\$192	\$194	\$197	\$158	\$136
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	28.9	25.5	33.1	20.5	21.0	24.7	26.0	30.5	34.6	24.0	26.9	32.0	33.2
Income in 1979 below poverty level	2 547	865	327	135	77	131	195	1 682	340	92	26	386	838
Percent below poverty level	28.6	24.0	27.5	12.1	23.1	26.9	40.2	31.8	31.2	9.6	9.6	40.1	41.7

Table A—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

The SMSA	Total	Less than 2 months	2 up to 6 months	6 or more months	The SMSA	Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units	1 038	331	405	302	Vacant for rent housing units	2 893	1 748	871	274
ROOMS					ROOMS				
1 to 3 rooms	64	6	26	32	1 room	175	110	60	5
4 rooms	186	47	69	70	2 rooms	234	171	32	31
5 rooms	217	B7	73	57	3 rooms	624	365	233	26
6 rooms	230	114	B1	35	4 rooms	1 120	693	299	128
7 rooms	169	47	53	69	5 rooms	482	299	138	45
B or more rooms	172	30	103	39	6 rooms	213	91	95	27
Median	5.7	5.7	5.9	5.4	7 or more rooms	45	19	14	12
					Median	3.9	3.8	3.9	4.1
PLUMBING FACILITIES					PLUMBING FACILITIES				
Complete plumbing for exclusive use	1 030	331	401	298	Complete plumbing for exclusive use	2 818	1 702	846	270
Locking complete plumbing for exclusive use	B	—	4	4	Locking complete plumbing for exclusive use	75	46	25	4
BEDROOMS					BEDROOMS				
None	—	—	—	—	None	202	133	64	5
1	70	6	27	37	1	924	554	314	56
2	243	58	108	77	2	1 382	B72	346	164
3	596	240	214	142	3	360	1B9	129	42
4	112	27	43	42	4	20	—	13	7
5 or more	17	—	13	4	5 or more	5	—	5	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1975 to March 1980	499	155	249	95	1975 to March 1980	678	484	161	33
1970 to 1974	104	55	22	27	1970 to 1974	516	325	149	42
1960 to 1969	112	46	38	28	1960 to 1969	506	297	164	45
1950 to 1959	103	32	22	49	1950 to 1959	296	157	90	49
1940 to 1949	76	—	38	38	1940 to 1949	401	202	150	49
1939 or earlier	144	43	36	65	1939 or earlier	496	283	157	56
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1, detached or ottoched	951	304	388	259	1, detached or ottoched	1 028	517	352	159
2 or more	50	11	15	24	2	196	144	37	15
Mobile home or trailer	37	16	2	19	3 and 4	180	106	62	12
HEATING EQUIPMENT					5 to 9	214	123	77	14
Central heating system	906	319	360	227	10 to 49	859	623	193	43
Other means	114	12	32	70	50 or more	214	126	79	9
None	1B	—	13	5	Mobile home or trailer	202	109	71	22
PRICE ASKED					RENT ASKED				
Specified vacant for sale only housing units	870	296	340	234	Specified vacant for rent housing units	2 842	1 726	852	264
Less than \$10,000	54	6	9	39	Less than \$100	357	179	152	26
\$10,000 to \$19,999	B6	11	22	53	\$100 to \$149	634	349	214	71
\$20,000 to \$29,999	70	35	25	10	\$150 to \$199	1 071	672	272	127
\$30,000 to \$39,999	228	118	80	30	\$200 to \$249	519	357	132	30
\$40,000 to \$49,999	99	40	41	18	\$250 to \$299	124	B6	28	10
\$50,000 to \$59,999	109	29	38	42	\$300 to \$399	114	67	47	—
\$60,000 to \$79,999	123	24	84	15	\$400 or more	23	16	7	—
\$80,000 to \$99,999	68	21	20	27	Median	\$164	\$171	\$157	\$155
\$100,000 or more	33	12	21	—					
Median	\$39 800	\$36 800	\$48 300	\$36 400					

Table A—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

The SMSA	Price asked—Specified vacant for sale only housing units						Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	
Total	870	54	156	327	300	33	39 800	2 842	357	1 705	643	114	23	164
PLUMBING FACILITIES														
Complete plumbing for exclusive use	B66	50	156	327	300	33	39 900	2 767	309	1 678	643	114	23	166
Locking complete plumbing for exclusive use	4	4	—	—	—	—	10000—	75	48	27	—	—	—	86
BEDROOMS														
None	—	—	—	—	—	—	—	202	70	126	6	—	—	122
1	42	30	12	—	—	—	10000—	913	80	706	127	—	—	154
2	149	24	B3	34	B	—	19 300	1 350	137	751	427	31	4	176
3	550	—	44	284	218	4	43 200	352	70	120	76	74	12	186
4	112	—	17	9	65	21	77 700	20	—	2	7	4	7	363
5 or more	17	—	—	—	9	B	79 500	5	—	—	5	—	—	325
YEAR STRUCTURE BUILT														
1975 to March 1980	445	—	9	200	220	16	51 300	678	20	296	293	53	16	205
1970 to 1974	96	—	5	54	20	17	43 000	510	37	361	84	21	7	171
1960 to 1969	84	—	31	30	23	—	34 200	497	34	305	133	25	—	182
1950 to 1959	96	17	31	23	25	—	30 000	271	74	161	31	5	—	150
1940 to 1949	47	21	24	2	—	—	15 200	390	50	273	63	4	—	148
1939 or earlier	102	16	56	1B	12	—	1B 100	496	142	309	39	6	—	130
UNITS IN STRUCTURE														
1, detached or ottoched	B70	54	156	327	300	33	39 800	1 977	148	525	194	91	19	15B
2 or more	...	...	...	...	...	...	...	1 663	160	1 043	440	16	4	171
Mobile home or trailer	...	...	...	...	...	...	...	202	49	137	9	7	—	153

Table B—1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

## Springfield city

	Total	\$10,000 to \$10,000	\$20,000 to \$19,999	\$30,000 to \$29,999	\$40,000 to \$39,999	\$50,000 to \$49,999	\$60,000 to \$59,999	\$80,000 to \$79,999	\$100,000 to \$99,999	\$150,000 or more	Median (dollars)	Mean (dollars)
<b>Specified owner-occupied housing units</b>												
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	28 695	1 060	4 398	6 004	6 704	4 604	2 391	2 365	515	538	116	33 900
15 to 24 years	400	2 426	3 794	4 809	3 670	1 937	2 052	458	488	109	37 000	41 500
25 to 34 years	5	141	290	241	47	26	6	—	—	27 200	28 800	
35 to 44 years	51	439	834	1 248	897	387	357	79	18	36 700	38 700	
45 to 64 years	20	264	393	986	816	373	474	114	124	41 600	47 500	
65 years and over	131	820	1 292	1 530	1 401	794	977	230	278	59	39 900	45 100
Male householder, no wife present	1 834	120	397	539	398	145	122	71	17	7	27 100	31 000
15 to 24 years	—	21	48	15	6	5	—	—	—	26 400	26 900	
25 to 34 years	12	77	146	123	47	28	17	—	—	7	29 700	33 700
35 to 44 years	—	47	44	71	53	13	20	11	7	—	34 200	38 800
45 to 64 years	22	93	113	68	12	54	30	6	6	—	27 000	33 300
65 years and over	86	159	188	121	27	22	4	—	5	22 200	24 600	
Female householder, no husband present	6 718	540	1 575	1 671	1 497	789	332	242	40	32	—	26 900
15 to 24 years	—	7	40	47	13	—	—	—	—	—	31 200	30 200
25 to 34 years	25	78	175	214	71	32	19	—	—	—	30 900	31 100
35 to 44 years	34	65	128	142	141	43	34	—	5	—	35 300	34 900
45 to 64 years	136	430	548	486	268	139	89	11	10	—	28 900	31 000
65 years and over	345	995	780	608	296	118	100	29	17	—	23 600	27 100
Median age	52.8	68.6	62.0	54.9	47.8	47.7	52.0	50.6	48.7	51.8	48.1	—
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	3 295	58	385	666	772	652	359	271	70	43	19	37 200
1975 to 1978	7 930	124	837	1 466	2 085	1 460	779	840	147	180	12	36 900
1970 to 1974	5 326	177	664	896	1 343	921	510	534	129	122	30	36 900
1960 to 1969	6 398	254	953	1 338	1 515	1 121	436	517	112	115	37	33 900
1959 or earlier	5 746	447	1 559	1 638	989	450	307	203	57	78	18	25 200
<b>ROOMS</b>												
1 to 3 rooms	417	179	152	51	17	6	—	5	—	7	—	11 700
4 rooms	3 802	502	1 714	1 118	288	103	37	31	9	—	—	18 100
5 rooms	8 873	256	1 578	2 801	2 690	1 153	242	122	12	12	7	29 200
6 rooms	8 199	74	698	1 360	2 461	2 116	927	476	51	36	—	38 000
7 rooms	4 035	49	165	427	833	829	728	782	116	99	7	46 200
8 or more rooms	3 369	—	91	247	415	397	457	949	327	384	102	61 400
Median	5.7	4.2	4.7	5.2	5.6	6.0	6.5	7.2	8.1	8.5+	8.5+	—
<b>BEDROOMS</b>												
None	22	11	—	6	—	—	—	5	—	—	—	17 500
1	903	263	362	174	46	38	13	—	7	—	—	15 700
2	8 861	616	2 935	2 950	1 443	488	238	129	31	24	7	22 400
3	15 530	145	961	2 515	4 682	3 700	1 720	1 416	202	173	16	38 800
4	2 833	25	98	318	461	323	385	718	224	223	58	54 000
5 or more	546	—	42	41	72	55	35	97	58	111	35	64 200
<b>YEAR STRUCTURE BUILT</b>												
1975 to March 1980	2 792	—	44	127	518	749	568	493	112	150	31	49 500
1970 to 1974	3 668	6	44	369	991	1 026	479	532	105	102	14	43 500
1960 to 1969	6 798	38	228	1 035	2 212	1 546	668	757	171	113	30	39 500
1950 to 1959	5 387	127	828	1 495	1 415	699	348	332	79	52	12	31 500
1940 to 1949	3 295	189	980	1 041	554	274	90	93	23	47	4	23 600
1939 or earlier	6 755	700	2 274	1 937	1 014	310	238	158	25	74	25	21 600
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000	3 224	486	1 167	768	392	186	132	74	6	8	5	19 600
\$5,000 to \$9,999	4 572	312	1 291	1 318	897	402	186	120	22	17	7	24 100
\$10,000 to \$12,499	2 365	97	483	645	673	294	108	65	—	—	—	29 100
\$12,500 to \$14,999	2 362	63	421	686	701	302	101	75	7	6	—	30 100
\$15,000 to \$19,999	4 591	56	467	993	1 521	811	410	279	11	43	—	34 800
\$20,000 to \$24,999	4 212	7	311	872	1 190	925	476	358	36	29	8	37 600
\$25,000 to \$34,999	4 519	31	168	568	1 082	1 117	598	717	154	80	4	43 300
\$35,000 to \$49,999	1 756	8	53	115	202	471	302	383	95	121	6	50 800
\$50,000 or more	1 094	—	37	39	46	96	78	294	184	234	86	78 000
Median	\$16 849	\$5 651	\$8 901	\$13 488	\$17 001	\$21 570	\$22 562	\$28 057	\$37 143	\$44 117	\$75000+	—
Mean	\$19 781	\$7 534	\$11 112	\$14 732	\$17 912	\$23 029	\$23 862	\$30 768	\$45 711	\$57 030	\$104 797	—
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>												
With a mortgage	16 790	287	1 671	3 173	4 432	3 200	1 641	1 590	383	342	71	37 200
Less than 15 percent	5 860	57	539	1 077	1 563	1 126	525	592	190	150	41	37 900
15 to 19 percent	3 559	43	251	694	952	704	390	385	76	64	—	38 400
20 to 24 percent	2 815	27	252	523	780	529	267	297	70	70	—	37 400
25 to 29 percent	1 495	51	143	282	363	330	167	126	12	21	—	36 900
30 to 34 percent	897	13	111	171	267	144	123	40	6	10	12	36 200
35 percent or more	2 090	96	368	426	471	367	147	150	29	23	13	32 900
Not computed	74	—	7	—	36	—	22	—	4	—	5	37 300
Median	18.5	26.6	20.8	18.7	18.3	18.4	18.6	17.6	15.1	16.5	13.3	—
Not mortgaged	11 905	773	2 727	2 831	2 272	1 404	750	775	132	196	45	28 200
Less than 10 percent	5 578	207	1 018	1 271	1 087	779	380	519	112	160	45	32 400
10 to 14 percent	2 243	121	522	546	511	241	185	96	—	21	—	38 700
15 to 19 percent	1 204	123	315	314	173	144	51	64	20	—	—	25 100
20 to 24 percent	933	105	281	196	186	98	50	13	—	4	—	22 700
25 to 29 percent	516	51	129	150	118	29	11	21	—	7	—	24 900
30 to 34 percent	415	33	148	94	68	36	12	24	—	—	—	21 800
35 percent or more	948	118	291	255	123	64	55	38	—	4	—	25 600
Not computed	68	15	23	5	6	13	6	—	—	—	—	21 900
Median	10.8	17.1	13.2	11.3	10.5	10—	10—	10—	10—	10—	10—	—
<b>SELECTED CHARACTERISTICS</b>												
Complete plumbing for exclusive use	28 607	1 021	4 354	5 999	6 704	4 604	2 391	2 365	515	538	116	34 000
1.01 or more persons per room	312	36	94	88	63	16	10	5	—	—	—	24 200
Locking complete plumbing for exclusive use	88	39	44	5	—	—	—	—	—	—	—	10 900
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	11 400
Heating equipment	28 689	1 060	4 398	6 004	6 698	4 604	2 391	2 365	515	538	116	33 900
Central heating system	25 712	391	2 938	5 497	6 495	4 563	2 362	2 323	515	512	116	35 800
Air conditioning	21 235	356	1 788	3 816	5 417	4 253	2 213	2 257	501	518	116	38 500
Central system	13 552	54	307	1 324	3 325	3 460	1 972	2 048	481	471	110	44 800
Income in 1979 below poverty level	2 469	320	903	562	338	125	147	55	6	8	5	20 200
Percent below poverty level	8.6	30.2	20.5	9.4	5.0	2.7	6.1	2.3	1.2	1.5	4.3	—

Table B—2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

**Springfield city**

## Specified renter-occupied housing units

Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
19 910	1 488	2 862	4 910	5 249	2 431	1 209	562	445	114	640	203
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>											
Married-couple families	6 759	135	770	1 560	1 768	1 017	650	310	287	43	219
15 to 24 years	1 881	46	273	566	576	223	116	36	15	—	30
25 to 34 years	2 597	21	258	575	719	435	305	133	60	19	72
35 to 44 years	747	—	51	103	159	111	97	88	121	11	6
45 to 64 years	988	43	119	165	221	172	102	40	58	5	63
65 years and over	546	25	69	151	93	76	30	13	33	8	49
Male householder, no wife present	4 932	451	892	1 217	1 237	513	288	74	76	26	158
15 to 24 years	1 971	79	307	611	588	203	95	20	38	6	24
25 to 34 years	1 498	94	229	362	392	203	113	32	20	5	48
35 to 44 years	472	56	49	91	130	71	28	8	12	10	17
45 to 64 years	553	69	176	113	107	25	36	6	—	—	211
65 years and over	438	153	131	40	20	11	16	8	6	5	48
Female householder, no husband present	8 219	902	1 200	2 133	2 244	901	271	178	82	45	263
15 to 24 years	2 321	96	227	750	736	333	58	76	14	7	24
25 to 34 years	1 992	89	219	603	687	226	70	36	22	—	40
35 to 44 years	797	40	70	191	234	96	58	47	5	18	38
45 to 64 years	1 224	157	268	259	308	157	34	—	12	6	23
65 years and over	1 885	520	416	330	279	89	51	19	29	14	144
Median age	29.9	62.9	33.3	27.7	28.0	29.0	31.0	32.2	39.5	41.6	49.0
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>											
1979 to March 1980	11 880	546	1 480	2 929	3 377	1 721	877	392	322	91	145
1975 to 1978	5 688	566	824	1 388	1 558	598	298	153	104	17	182
1970 to 1974	1 400	247	323	398	199	85	11	17	12	6	102
1960 to 1969	633	100	154	139	86	27	17	—	7	—	103
1959 or earlier	309	29	81	56	29	—	6	—	—	—	108
<b>ROOMS</b>											
1 room	726	292	249	157	6	—	17	—	—	—	5
2 rooms	1 500	376	538	350	176	26	13	—	—	—	21
3 rooms	4 291	440	912	1 707	891	188	50	—	13	7	83
4 rooms	6 714	199	660	1 526	2 610	1 069	305	49	80	33	175
5 rooms	4 176	161	399	840	1 101	656	554	202	108	17	183
6 rooms	1 697	20	82	232	355	319	203	243	134	23	227
7 or more rooms	806	—	22	98	110	173	67	68	110	34	268
Median	4.0	2.7	3.2	3.7	4.1	4.4	4.9	5.6	5.7	5.5	4.7
<b>PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979</b>											
All income levels in 1979	19 910	1 488	2 862	4 910	5 249	2 431	1 209	562	445	114	640
Complete plumbing for exclusive use	19 612	1 366	2 750	4 888	5 230	2 419	1 203	562	445	114	635
0.50 or less	12 371	936	1 708	3 031	3 367	1 532	732	282	221	40	522
0.51 to 1.00	6 607	412	867	1 694	1 719	829	426	269	204	74	113
1.01 to 1.50	438	—	71	123	117	51	45	11	20	—	210
1.51 or more	196	18	104	40	27	7	—	—	—	—	140
Locking complete plumbing for exclusive use	298	122	112	22	19	12	6	—	—	—	5
0.50 or less	171	49	86	14	5	6	6	—	—	—	114
0.51 to 1.00	121	73	20	8	14	6	—	—	—	—	88
1.01 to 1.50	6	—	—	—	—	—	—	—	—	—	125
Income in 1979 below poverty level	5 132	829	1 029	1 182	1 122	455	145	83	60	41	186
Complete plumbing for exclusive use	5 007	763	991	1 177	1 117	449	145	83	60	41	181
1.01 or more persons per room	299	—	81	72	91	34	14	—	7	—	198
Locking complete plumbing for exclusive use	125	66	38	5	5	6	—	—	—	5	87
1.01 or more persons per room	6	—	6	—	—	—	—	—	—	—	125
<b>BEDROOMS</b>											
None	1 009	360	424	197	6	—	17	—	—	—	5
1	6 282	797	1 466	2 340	1 272	220	59	7	6	7	108
2	8 941	203	772	1 931	3 377	1 564	562	79	119	44	290
3	3 272	128	181	416	533	603	539	435	249	21	167
4	366	—	19	26	61	44	27	35	55	35	302
5 or more	40	—	—	—	—	—	5	6	16	7	438
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	8 157	177	851	1 855	1 994	1 225	686	487	317	75	490
2	1 960	105	290	532	476	268	155	35	44	21	203
3 and 4	1 559	167	432	437	248	102	106	20	19	5	166
5 to 9	1 502	269	392	416	208	116	62	14	14	—	160
10 to 49	4 342	301	592	1 282	1 511	449	93	6	51	13	199
50 or more	2 075	462	267	258	734	249	95	—	—	—	10
Mobile home or trailer, etc.	315	7	38	130	78	22	12	—	—	—	28
<b>YEAR STRUCTURE BUILT</b>											
1975 to March 1980	3 542	141	137	614	1 138	698	371	159	195	49	40
1970 to 1974	3 343	479	205	604	1 043	497	241	159	57	11	216
1960 to 1969	3 630	144	380	934	1 175	358	306	126	101	29	211
1950 to 1959	2 767	101	323	933	720	371	117	52	21	6	198
1940 to 1949	2 596	127	614	780	535	293	61	18	20	12	136
1939 or earlier	4 032	496	1 203	1 045	638	214	113	48	51	7	217
<b>STORIES IN STRUCTURE</b>											
1 to 3	19 242	1 070	2 752	4 871	5 216	2 418	1 183	562	433	107	630
4 or more	668	418	110	39	33	13	26	—	12	7	80
With elevator	559	395	69	25	7	13	26	—	12	7	51
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>											
Less than 15 percent	2 788	318	538	736	700	282	135	35	33	11	190
15 to 19 percent	3 251	159	402	841	1 020	437	181	117	80	14	209
20 to 24 percent	2 995	357	352	871	656	364	264	74	53	4	196
25 to 29 percent	2 339	238	358	515	640	324	137	67	42	18	204
30 to 34 percent	1 656	116	208	472	405	210	125	58	42	20	204
35 to 49 percent	2 805	208	432	603	822	336	180	108	104	12	209
50 percent or more	3 169	63	540	808	927	432	175	103	91	30	209
Not computed	907	29	32	64	79	46	12	—	5	640	204
Median	26.0	23.5	26.7	24.9	26.6	26.7	25.7	29.1	31.7	31.9	...
<b>SELECTED CHARACTERISTICS</b>											
Heating equipment	19 904	1 482	2 862	4 910	5 249	2 431	1 209	562	445	114	640
Central heating system	17 212	1 235	1 983	4 028	4 790	2 308	1 203	555	445	109	556
Air conditioning	12 367	722	936	2 724	3 762	1 807	1 004	485	394	83	450
Central system	8 436	567	308	1 420	2 881	1 418	801	406	338	83	214

Table B—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

**Springfield city**

	Household income in 1979													Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)		
		31 487	3 580	5 158	2 654	2 618	5 078	4 484	4 879	1 847	1 189	16 575	19 590	
<b>Owner-occupied housing units</b>														
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>														
Married-couple families	21 828	767	2 452	1 681	1 717	4 079	3 890	4 390	1 749	1 103	20 259	23 220	899	
15 to 24 years	928	17	73	134	162	274	153	85	12	18	16 037	17 765	23	
25 to 34 years	4 675	45	267	310	485	1 227	1 213	841	211	76	20 011	21 129	120	
35 to 44 years	3 814	51	177	149	157	1 278	881	1 001	413	257	23 686	27 258	165	
45 to 64 years	8 126	251	579	530	435	1 273	1 283	2 130	990	655	23 861	27 410	289	
65 years and over	4 285	403	1 356	558	478	577	360	333	123	97	11 718	15 144	302	
Male householder, no wife present	2 121	386	444	199	228	333	254	189	36	52	12 845	16 986	279	
15 to 24 years	144	12	33	33	25	25	11	5	—	—	12 045	12 340	6	
25 to 34 years	541	53	107	39	85	127	55	55	13	7	14 603	19 201	55	
35 to 44 years	307	20	29	10	21	81	77	33	6	30	19 665	22 058	6	
45 to 64 years	457	60	66	49	41	77	81	61	17	5	15 822	18 270	45	
65 years and over	672	241	209	68	56	23	30	35	—	10	6 797	13 009	167	
Female householder, no husband present	7 538	2 427	2 262	774	673	666	340	300	62	34	7 589	9 813	1 598	
15 to 24 years	139	36	26	33	18	26	—	—	—	—	10 568	9 836	36	
25 to 34 years	703	112	140	136	126	103	39	40	7	—	11 829	12 207	156	
35 to 44 years	661	97	161	115	65	101	42	75	5	—	11 576	13 302	85	
45 to 64 years	2 379	491	713	285	284	250	183	134	29	10	9 890	11 554	432	
65 years and over	3 656	1 691	1 222	205	180	186	76	51	21	24	5 439	7 587	889	
Median age	52.7	71.6	66.2	56.6	50.3	43.1	42.7	47.3	49.5	51.3	...	...	64.4	
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>														
1979 to March 1980	3 825	275	541	312	352	728	646	645	195	131	17 356	19 945	286	
1975 to 1978	B 699	552	1 104	738	781	1 810	1 479	1 452	534	249	18 131	20 220	603	
1970 to 1974	5 876	464	890	478	478	984	803	1 051	446	282	18 142	21 584	414	
1960 to 1969	6 906	910	1 147	493	487	887	1 045	1 125	474	338	17 127	20 277	604	
1959 or earlier	6 181	1 379	1 476	633	520	669	511	606	198	189	10 930	15 823	869	
<b>SELECTED CHARACTERISTICS</b>														
Complete plumbing for exclusive use	31 387	3 549	5 115	2 642	2 611	5 078	4 484	4 872	1 847	1 189	16 614	19 626	2 745	
1.01 or more persons per room	360	14	75	47	40	30	112	40	2	—	15 556	16 666	31	
Locking complete plumbing for exclusive use	100	31	43	12	7	—	—	7	—	—	7 931	8 457	31	
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—	
Heating equipment	31 481	3 580	5 152	2 654	2 618	5 078	4 484	4 879	1 847	1 189	16 577	19 593	2 776	
Central heating system	28 275	2 578	4 301	2 331	2 331	4 747	4 303	4 717	1 802	1 165	17 553	20 578	1 955	
Air conditioning	23 320	1 761	3 284	1 827	1 803	3 876	3 557	4 319	1 736	1 157	18 764	21 994	1 411	
Vehicles available	14 683	685	1 491	864	1 055	2 508	2 443	3 210	1 422	1 005	21 491	25 368	563	
1	29 266	2 343	4 467	2 547	2 525	5 044	4 456	4 854	1 841	1 189	17 515	20 611	2 044	
2 or more	10 665	1 849	3 004	1 309	1 123	1 583	919	609	167	102	10 916	12 970	1 406	
House heating fuel	18 601	494	1 463	1 238	1 402	3 461	3 537	4 245	1 674	1 087	21 591	24 992	638	
Utility gas	31 481	3 580	5 152	2 654	2 618	5 078	4 484	4 879	1 847	1 189	16 577	19 593	2 776	
Bottled, tank, or LP gas	468	64	144	42	59	59	45	24	22	9	11 548	14 457	45	
Electricity	571	74	85	38	84	105	99	35	29	22	15 187	18 151	81	
Fuel oil, kerosene, etc.	27	10	7	10	—	—	—	—	—	—	8 750	6 408	10	
Other	296	21	29	37	31	86	27	45	9	11	16 172	19 093	29	
Median rooms	5.6	4.8	5.1	5.1	5.4	5.7	5.8	6.2	6.6	7.6	...	...	4.9	
Specified owner-occupied housing units	28 695	3 224	4 572	2 365	2 362	4 591	4 212	4 519	1 756	1 094	16 849	19 781	2 469	
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>														
With a mortgage	16 790	783	1 665	1 190	1 401	3 239	3 099	3 369	1 344	700	20 167	22 435	866	
Less than \$200	3 201	379	655	332	312	551	535	340	75	22	14 339	15 558	329	
\$200 to \$249	3 229	140	434	288	382	686	571	532	156	40	17 363	18 952	197	
\$250 to \$299	2 865	75	227	239	308	629	595	575	179	38	19 469	20 529	89	
\$300 to \$349	2 256	37	161	125	154	562	402	582	152	81	20 855	22 972	66	
\$350 to \$399	1 767	55	73	119	120	355	370	489	141	45	21 891	23 421	74	
\$400 to \$449	2 043	48	77	69	101	345	455	459	337	152	23 785	28 025	73	
\$500 to \$599	774	45	12	13	18	59	108	248	185	86	29 206	32 417	34	
\$600 to \$749	405	—	19	5	—	39	57	102	77	106	30 515	40 489	—	
\$750 or more	250	4	7	—	6	13	6	42	130	41 685	59 659	4		
Median	\$284	\$204	\$220	\$246	\$251	\$280	\$287	\$320	\$389	\$484	...	...	\$226	
Not mortgaged	11 905	2 441	2 907	1 175	961	1 352	1 113	1 150	412	394	11 286	16 037	1 603	
Less than \$50	449	182	143	43	29	23	—	22	7	6 118	8 450	106		
\$50 to \$74	2 527	878	738	235	216	191	141	116	12	—	7 284	9 468	577	
\$75 to \$99	3 454	805	866	355	324	427	253	283	96	45	10 394	13 308	534	
\$100 to \$124	2 553	371	566	305	220	366	315	288	88	34	12 892	16 408	230	
\$125 to \$149	1 449	113	356	127	105	217	145	251	83	52	15 515	18 409	75	
\$150 to \$199	1 031	88	182	83	48	94	228	125	88	95	20 528	23 466	77	
\$200 to \$249	249	4	28	12	5	19	21	42	18	100	32 339	46 034	4	
\$250 or more	193	—	28	15	14	15	10	23	27	61	30 246	67 474	—	
Median	\$97	\$80	\$92	\$97	\$93	\$102	\$113	\$113	\$128	\$181	...	...	\$81	
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>														
With a mortgage	16 790	783	1 665	1 190	1 401	3 239	3 099	3 369	1 344	700	20 167	22 435	866	
Less than 15 percent	5 860	—	32	38	149	699	1 339	1 995	1 012	596	27 921	32 545	9	
15 to 19 percent	3 559	—	98	146	370	890	863	895	234	63	21 307	22 856	9	
20 to 24 percent	2 815	5	176	331	406	873	559	332	92	41	17 776	19 050	15	
25 to 29 percent	1 495	22	305	225	207	427	216	93	—	—	14 861	14 981	45	
30 to 34 percent	897	13	227	202	125	216	94	20	—	—	12 630	13 442	46	
35 percent or more	2 090	669	827	248	144	134	28	34	6	—	6 825	7 983	668	
Not computed	74	—	—	—	—	—	—	—	—	—	2500	—	786	
Median	18.5	50+	34.9	26.8	22.2	20.2	16.2	13.8	11.9	10—	...	...	50+	
Not mortgaged	11 905	2 441	2 907	1 175	961	1 352	1 113	1 150	412	394	11 286	16 037	1 603	
Less than 10 percent	5 578	8	347	520	665	1 100	1 018	1 119	412	389	20 699	25 715	3	
10 to 14 percent	2 243	121	1 058	485	240	218	90	31	—	—	9 739	10 629	41	
15 to 19 percent	1 204	267	734	137	37	24	5	—	—	—	7 043	7 497	87	
20 to 24 percent	933	470	430	18	5	10	—	—	—	—	4 981	5 602	206	
25 to 29 percent	516	302	195</td											

Table B—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

## Springfield city

	Household income in 1979													Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)		
	20 215	5 057	6 124	2 393	1 956	2 458	1 179	701	213	134	9 086	10 847	5 222	
Renter-occupied housing units	20 215	5 057	6 124	2 393	1 956	2 458	1 179	701	213	134	9 086	10 847	5 222	
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER														
Married-couple families	6 946	658	1 758	969	921	1 326	723	396	111	84	12 739	14 240	992	
15 to 24 years	1 909	201	617	281	192	438	138	35	7	—	11 214	11 952	287	
25 to 34 years	2 671	164	611	380	361	598	379	129	22	27	13 750	14 761	317	
35 to 44 years	764	59	160	108	83	124	88	103	19	20	14 157	16 718	124	
45 to 64 years	1 035	142	162	134	201	117	98	95	56	30	13 489	16 590	182	
65 years and over	567	92	208	66	84	49	20	34	7	7	9 419	11 862	82	
Male householder, no wife present	4 979	1 284	1 411	587	486	585	329	182	83	32	9 264	11 068	1 339	
15 to 24 years	1 990	547	721	255	147	184	71	46	6	13	7 938	9 223	721	
25 to 34 years	1 521	242	334	201	251	232	139	66	45	11	12 295	13 364	226	
35 to 44 years	477	93	92	60	37	93	58	38	6	—	12 229	13 202	100	
45 to 64 years	553	172	152	63	23	47	43	26	19	8	8 478	12 276	130	
65 years and over	438	230	112	8	28	29	18	6	7	—	4 858	7 631	162	
Female householder, no husband present	8 290	3 115	2 955	837	549	547	127	123	19	18	6 599	7 871	2 891	
15 to 24 years	2 329	826	973	134	192	165	36	3	—	—	6 517	7 314	1 005	
25 to 34 years	2 023	516	719	350	177	174	45	35	7	—	8 417	9 022	608	
35 to 44 years	797	142	324	157	76	74	7	12	5	—	9 135	9 631	157	
45 to 64 years	1 241	491	420	132	41	78	24	35	7	13	6 408	8 736	421	
65 years and over	1 900	1 140	519	64	63	56	15	38	—	5	4 480	6 025	700	
Median age	29.9	36.2	28.5	29.4	29.4	28.2	30.1	37.1	42.1	43.7	... ...	...	29.2	
YEAR HOUSEHOLDER MOVED INTO UNIT														
1979 to March 1980	12 070	2 908	3 754	1 481	1 178	1 456	704	390	124	75	9 113	10 774	3 366	
1975 to 1978	5 767	1 319	1 659	695	646	765	381	212	50	40	9 732	11 430	1 210	
1970 to 1974	1 425	515	422	108	67	144	63	53	39	14	7 128	10 186	399	
1960 to 1969	638	195	192	85	42	63	24	32	—	5	7 733	9 679	146	
1959 or earlier	315	120	97	24	23	30	7	14	—	—	6 234	8 299	101	
PLUMBING FACILITIES BY PERSONS PER ROOM														
Complete plumbing for exclusive use	19 917	4 913	6 011	2 388	1 945	2 439	1 173	701	213	134	9 163	10 916	5 097	
0.50 or less	12 579	3 488	3 880	1 393	1 179	1 401	634	447	124	53	8 577	10 336	2 900	
0.51 to 1.00	6 691	1 317	1 896	929	708	956	511	218	82	74	10 357	11 953	1 893	
1.01 to 1.50	451	86	157	37	48	70	25	21	—	7	9 432	11 600	234	
1.51 or more	196	42	78	29	10	12	3	15	7	—	8 625	11 166	70	
Locking complete plumbing for exclusive use	298	144	113	5	11	19	6	—	—	—	5 205	6 221	125	
0.50 or less	171	88	77	—	—	—	6	—	—	—	4 911	5 536	63	
0.51 to 1.00	121	50	36	5	11	19	—	—	—	—	6 193	7 497	56	
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—	—	
1.51 or more	6	6	—	—	—	—	—	—	—	—	2500	—	6	
SELECTED CHARACTERISTICS														
Heating equipment	20 209	5 051	6 124	2 393	1 956	2 458	1 179	701	213	134	9 089	10 850	5 216	
Central heating system	17 435	4 047	5 181	2 143	1 820	2 141	1 105	677	201	120	9 482	11 204	4 264	
Air conditioning	12 489	2 489	3 545	1 583	1 311	1 781	893	604	163	120	10 332	12 118	2 481	
Central system	8 509	1 613	2 291	1 098	963	1 196	642	487	122	97	10 798	12 616	1 690	
Vehicles available	17 227	3 204	5 309	2 263	1 876	2 383	1 158	687	213	134	10 111	11 824	3 713	
1	10 586	2 576	3 801	1 478	1 076	943	407	198	51	56	8 559	9 773	2 472	
2 or more	6 641	628	1 508	785	800	1 440	751	489	162	78	13 748	15 092	1 241	
House heating fuel	20 209	5 051	6 124	2 393	1 956	2 458	1 179	701	213	134	9 089	10 850	5 216	
Utility gas	16 383	4 251	4 967	1 843	1 549	1 970	947	574	167	115	8 932	10 792	4 240	
Bottled, tank, or LP gas	143	51	53	20	7	—	6	6	—	—	6 385	7 973	63	
Electricity	3 526	705	1 025	530	394	467	226	121	46	12	10 156	11 293	865	
Fuel oil, kerosene, etc.	33	—	19	—	—	14	—	—	—	—	9 432	11 041	8	
Other	124	44	60	—	6	7	—	—	—	7	6 154	9 229	40	
Median rooms	4.0	3.5	4.0	4.1	4.3	4.4	4.5	4.7	4.4	4.7	...	...	3.9	
Specified renter-occupied housing units	19 910	4 961	6 067	2 362	1 924	2 427	1 154	695	186	134	9 072	10 819	5 132	
CONTRACT RENT														
Less than \$100	2 703	1 484	754	189	99	119	28	17	6	7	4 706	6 487	1 255	
\$100 to \$149	5 121	1 513	2 008	598	395	404	133	64	6	—	7 429	8 380	1 486	
\$150 to \$199	6 770	1 210	2 240	970	792	988	333	134	56	47	9 853	11 096	1 432	
\$200 to \$249	2 892	363	624	383	401	529	323	189	56	24	12 974	14 069	527	
\$250 to \$299	1 123	96	147	107	141	229	221	139	23	20	16 533	17 884	115	
\$300 to \$349	378	40	65	38	40	54	32	59	25	25	15 395	19 194	60	
\$350 to \$399	224	21	28	20	38	48	17	45	7	—	15 403	16 565	58	
\$400 to \$499	52	—	—	11	7	6	23	—	5	26 000	28 389	13		
\$500 or more	7	—	7	—	7	—	—	—	—	—	8 750	9 315	—	
No cash rent	640	234	194	57	7	49	61	25	7	6	6 629	10 236	186	
Median	\$203	\$155	\$191	\$214	\$221	\$232	\$261	\$284	\$271	\$248	...	...	\$142	
GROSS RENT														
Less than \$100	1 488	1 054	331	36	22	31	7	—	7	4 082	5 262	829		
\$100 to \$149	2 862	1 168	1 070	282	122	146	43	19	12	—	5 949	7 023	1 029	
\$150 to \$199	4 910	1 131	1 960	620	461	515	103	86	7	27	8 443	9 552	1 182	
\$200 to \$249	5 249	870	1 638	710	703	774	324	162	37	31	10 410	11 500	1 122	
\$250 to \$299	2 431	316	551	372	314	424	296	104	46	8	12 342	13 530	455	
\$300 to \$349	1 209	108	168	182	121	308	172	86	39	25	15 337	16 552	145	
\$350 to \$399	562	38	88	45	94	106	91	82	18	—	15 851	17 111	83	
\$400 to \$499	445	14	60	58	75	60	38	101	20	19	16 292	19 642	60	
\$500 or more	114	28	7	—	5	14	19	30	—	11	20 577	21 038	41	
No cash rent	640	234	194	57	7	49	61	25	7	6	6 629	10 236	186	
Median	\$203	\$155	\$191	\$214	\$221	\$232	\$261	\$284	\$271	\$248	...	...	\$178	
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979														
Less than 15 percent	2 788	34	210	203	233	769	579	459	173	128	19 556	22 516	72	
15 to 19 percent	3 251	78	401	460	764	974	400	168	6	—	14 746	15 164	158	
20 to 24 percent	2 995	288	1 024	626	507	436	83	31	—	—	10 741	11 116	264	
25 to 29 percent	2 339	277	1 108	568	214	142	18	12	—	—	9 163	9 262	358	
30 to 34 percent	1 656	248	1 000	254	91	50	13	—	—	—	7 727	8 139	254	
35 to 49 percent	2 805	892	1 621	177	108	7	—	—	—	—	6 120	6 355	1 042	
50 percent or more	3 169	2 643	509	17	—	—	—	—	—	—	3 351	3 344	2 531	
Not computed	907	501	194	57	7	49	61	25	7	6	4 224	7 138	453	
Median	26.0	50+	31.0	23.9	19.7	17.2	14.7	12.7	10—	10—	...	...	50+	

Table B-5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

**Springfield city**

	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units -----	16 790	3 201	3 229	2 865	2 256	1 767	2 043	774	405	250	284
<b>PERSONS IN UNIT</b>											
1 person -----	1 904	707	426	285	187	134	109	40	7	9	229
2 persons -----	5 105	1 054	1 059	898	615	534	557	234	111	43	274
3 persons -----	3 762	537	706	692	563	471	502	161	105	25	296
4 persons -----	3 815	606	610	615	603	426	525	217	121	92	306
5 persons -----	1 512	229	325	236	188	121	228	93	34	58	293
6 persons -----	456	64	84	61	48	62	82	23	27	5	320
7 persons -----	173	4	9	48	40	13	40	6	-	13	332
8 or more persons -----	63	-	10	30	12	6	-	-	-	5	286
Median -----	2.87	2.35	2.68	2.86	3.08	2.96	3.21	3.20	3.30	4.02	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>											
Married-couple families -----	13 304	2 087	2 393	2 283	1 911	1 487	1 830	696	382	235	298
15 to 24 years -----	712	105	146	176	145	66	36	18	20	-	280
25 to 34 years -----	4 139	437	665	670	763	572	709	194	75	54	319
35 to 44 years -----	3 208	461	501	460	440	322	527	249	126	122	321
45 to 64 years -----	4 527	846	878	861	515	483	525	217	143	59	281
65 years and over -----	718	238	203	116	48	44	33	18	18	-	230
Male householder, no wife present -----	1 001	277	197	160	95	141	102	17	7	5	258
15 to 24 years -----	86	14	17	12	18	14	6	5	-	-	300
25 to 34 years -----	394	75	92	72	24	88	36	-	7	-	271
35 to 44 years -----	199	50	39	24	32	18	25	6	-	5	272
45 to 64 years -----	197	55	40	41	11	21	23	6	-	-	254
65 years and over -----	125	83	9	11	10	-	12	-	-	-	169
Female householder, no husband present -----	2 485	837	639	422	250	139	111	61	16	10	232
15 to 24 years -----	107	32	16	21	10	15	6	7	-	-	263
25 to 34 years -----	557	129	147	98	90	43	30	20	-	-	251
35 to 44 years -----	476	104	116	103	43	42	45	18	5	-	259
45 to 64 years -----	1 029	395	291	158	85	39	24	16	11	10	221
65 years and over -----	316	177	69	42	22	-	6	-	-	-	188
Median age -----	41.0	48.2	43.2	41.6	36.4	37.2	37.9	40.1	41.3	41.2	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>											
1979 to March 1980 -----	2 824	200	300	366	430	415	585	252	163	113	364
1975 to 1978 -----	6 427	743	1 104	1 143	1 053	915	897	347	141	84	311
1970 to 1974 -----	3 645	726	798	776	522	295	353	94	49	32	269
1960 to 1969 -----	3 130	1 137	821	500	233	129	172	70	47	21	226
1959 or earlier -----	764	395	206	80	18	13	36	11	5	-	197
<b>ROOMS</b>											
1 to 3 rooms -----	149	104	23	16	6	-	-	-	-	-	169
4 rooms -----	1 425	720	401	197	61	29	17	-	-	-	199
5 rooms -----	5 083	1 295	1 342	930	617	419	329	85	51	15	246
6 rooms -----	5 022	670	862	1 019	846	654	725	160	67	19	298
7 rooms -----	2 598	271	423	405	453	336	420	191	88	11	322
8 or more rooms -----	2 513	141	178	298	273	329	552	338	199	205	406
Median -----	5.8	5.1	5.4	5.8	6.0	6.2	6.4	7.2	7.5	8.5+	...
<b>YEAR STRUCTURE BUILT</b>											
1975 to March 1980 -----	2 426	54	50	222	303	433	652	358	230	124	418
1970 to 1974 -----	3 004	142	403	597	590	502	521	131	70	48	331
1960 to 1969 -----	4 622	641	1 025	992	732	465	488	146	88	45	283
1950 to 1959 -----	2 797	1 015	693	484	236	176	124	58	11	-	228
1940 to 1949 -----	1 548	646	397	194	118	62	114	13	-	4	216
1939 or earlier -----	2 393	703	661	376	277	129	144	68	6	29	237
<b>VALUE</b>											
Less than \$10,000 -----	287	224	50	13	-	-	-	-	-	-	147
\$10,000 to \$19,999 -----	1 671	904	484	190	65	13	15	-	-	-	195
\$20,000 to \$29,999 -----	3 173	1 017	1 032	630	321	101	72	-	-	-	228
\$30,000 to \$39,999 -----	4 432	701	997	1 119	728	555	299	22	11	-	273
\$40,000 to \$49,999 -----	3 200	255	408	558	591	534	652	132	53	17	332
\$50,000 to \$59,999 -----	1 641	53	156	204	300	254	441	172	61	-	371
\$60,000 to \$79,999 -----	1 590	31	102	124	207	255	364	305	156	46	419
\$80,000 to \$99,999 -----	383	7	-	20	38	34	119	77	30	58	477
\$100,000 to \$149,999 -----	342	9	-	7	6	21	81	55	74	89	585
\$150,000 or more -----	71	-	-	-	-	-	11	20	40	-	750+
Median -----	\$37 200	\$24 200	\$30 400	\$34 700	\$40 200	\$43 600	\$49 700	\$62 400	\$71 900	\$102 600	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>											
Less than 15 percent -----	5 860	1 710	1 475	1 029	668	299	435	112	94	38	241
15 to 19 percent -----	3 559	439	717	687	546	501	368	205	40	56	295
20 to 24 percent -----	2 815	329	353	530	461	389	424	178	79	72	321
25 to 29 percent -----	1 495	199	238	198	230	202	295	73	60	-	324
30 to 34 percent -----	897	108	120	131	111	101	199	67	52	8	340
35 percent or more -----	2 090	405	316	277	227	263	322	128	80	72	310
Not computed -----	74	11	10	13	13	12	-	11	-	4	312
Median -----	18.5	14.4	15.9	17.9	19.2	21.0	22.6	21.8	24.3	22.0	...
<b>SELECTED CHARACTERISTICS</b>											
Heating equipment -----	16 790	3 201	3 229	2 865	2 256	1 767	2 043	774	405	250	284
Steam or hot water system -----	393	63	53	87	59	40	24	23	16	28	296
Central warm-air furnace or electric heat pump -----	14 000	1 984	2 561	2 445	2 012	1 674	1 972	745	389	218	300
Other built-in electric units -----	59	11	6	18	20	-	-	-	-	4	285
Floor, wall, or pipeless furnace -----	1 175	557	345	158	54	34	21	6	-	-	204
Other means -----	1 163	586	264	157	111	19	26	-	-	-	199
Air conditioning -----	13 155	1 870	2 268	2 219	1 948	1 573	1 881	753	399	244	306
Central system -----	9 185	693	1 171	1 430	1 545	1 334	1 670	710	393	239	342
1 or more individual room units -----	3 970	1 177	1 097	789	403	239	211	43	6	5	237
House heating fuel -----	16 790	3 201	3 229	2 865	2 256	1 767	2 043	774	405	250	284
Utility gas -----	16 204	3 101	3 146	2 792	2 099	1 723	1 962	750	398	233	283
Bottled, tank, or LP gas -----	80	2	5	19	19	-	30	5	-	-	337
Electricity -----	325	30	39	38	91	38	46	19	7	17	330
Fuel oil, kerosene, etc. -----	-	-	-	-	-	-	-	-	-	-	-
Other -----	181	68	39	16	47	6	5	-	-	-	229

Table B—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

**Springfield city**

## Specified owner-occupied housing units -----

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
PERSONS IN UNIT	11 905	449	2 527	3 454	2 553	1 449	1 031	249	193	97
1 person -----	3 962	276	1 259	1 227	706	256	174	21	43	84
2 persons -----	5 794	150	975	1 660	1 394	800	589	113	113	102
3 persons -----	1 277	23	178	310	288	245	150	53	30	111
4 persons -----	564	—	91	147	114	101	86	18	7	110
5 persons -----	169	—	24	52	29	32	10	22	—	107
6 persons -----	90	—	—	33	11	15	14	17	—	127
7 persons -----	41	—	—	20	8	—	8	5	—	102
8 or more persons -----	8	—	—	5	3	—	—	—	—	95
Median -----	1.84	1.31	1.50	1.80	1.91	2.09	2.08	2.42	1.97	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families -----	6 839	155	1 036	1 932	1 558	1 040	758	217	143	105
15 to 24 years -----	44	—	11	33	—	—	—	—	—	83
25 to 34 years -----	171	17	14	82	27	11	14	6	—	92
35 to 44 years -----	391	5	55	122	63	75	45	26	—	105
45 to 64 years -----	2 985	34	435	821	651	480	356	127	81	108
65 years and over -----	3 248	99	521	874	817	474	343	58	62	104
Male householder, no wife present -----	833	78	241	212	194	54	42	—	12	86
15 to 24 years -----	9	—	—	4	5	—	—	—	—	102
25 to 34 years -----	63	16	23	10	7	—	—	7	—	67
35 to 44 years -----	67	6	16	22	17	—	6	—	—	88
45 to 64 years -----	207	13	52	49	37	36	20	—	—	95
65 years and over -----	487	43	150	127	128	18	16	—	5	85
Female householder, no husband present -----	4 233	216	1 250	1 310	801	355	231	32	38	87
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	57	5	18	19	4	11	—	—	—	82
35 to 44 years -----	116	3	19	42	11	33	3	5	—	96
45 to 64 years -----	1 088	31	290	288	261	113	77	11	17	94
65 years and over -----	2 972	177	923	961	525	198	151	16	21	85
Median age -----	67.0	71.2	69.8	67.2	67.0	64.4	64.9	61.2	63.8	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	471	36	59	141	68	89	66	6	6	100
1975 to 1978 -----	1 503	44	230	381	317	246	217	64	4	108
1970 to 1974 -----	1 681	67	263	461	370	246	168	57	49	103
1960 to 1969 -----	3 268	102	624	915	874	414	270	23	46	100
1959 or earlier -----	4 982	200	1 351	1 556	924	454	310	99	88	90
ROOMS										
1 to 3 rooms -----	268	62	109	55	22	20	—	—	—	67
4 rooms -----	2 377	225	969	753	298	78	42	5	7	75
5 rooms -----	3 790	116	944	1 315	805	351	208	25	26	91
6 rooms -----	3 177	32	398	951	944	497	275	49	31	105
7 rooms -----	1 437	9	70	273	349	307	326	67	36	126
8 or more rooms -----	856	5	37	107	135	196	180	103	93	143
Median -----	5.4	4.2	4.7	5.2	5.7	6.1	6.5	7.2	7.4	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	366	7	6	51	73	74	115	36	4	141
1970 to 1974 -----	664	—	5	89	172	167	153	65	13	135
1980 to 1969 -----	2 176	6	162	593	640	426	286	20	43	113
1950 to 1959 -----	2 590	59	528	747	633	288	225	55	55	99
1940 to 1949 -----	1 747	130	494	527	333	161	83	8	11	87
1939 or earlier -----	4 362	247	1 332	1 447	702	333	169	65	67	85
VALUE										
Less than \$10,000 -----	773	127	279	221	99	33	—	5	9	73
\$10,000 to \$19,999 -----	2 727	236	1 051	921	324	150	40	—	5	77
\$20,000 to \$29,999 -----	2 831	70	854	1 013	552	165	130	34	13	87
\$30,000 to \$39,999 -----	2 272	5	270	782	689	327	152	6	41	103
\$40,000 to \$49,999 -----	1 404	—	32	346	456	329	216	20	5	118
\$50,000 to \$59,999 -----	750	—	34	101	227	172	155	38	23	127
\$60,000 to \$79,999 -----	775	11	7	58	167	225	248	32	27	141
\$80,000 to \$99,999 -----	132	—	—	—	28	38	46	20	—	150
\$100,000 to \$149,999 -----	196	—	—	12	11	10	37	90	36	216
\$150,000 or more -----	45	—	—	—	—	—	7	4	34	250+
Median -----	\$28 200	\$13 800	\$19 400	\$25 600	\$33 700	\$41 200	\$49 100	\$77 900	\$65 500	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	5 578	234	1 139	1 687	1 170	636	472	152	88	96
10 to 14 percent -----	2 243	118	518	598	486	297	169	29	28	95
15 to 19 percent -----	1 204	40	242	318	294	160	121	19	10	100
20 to 24 percent -----	933	32	261	244	172	129	68	17	10	93
25 to 29 percent -----	516	—	84	160	113	85	43	12	19	103
30 to 34 percent -----	415	6	101	139	80	37	35	11	6	93
35 percent or more -----	948	14	162	303	214	91	123	9	32	100
Not computed -----	68	5	20	5	24	14	—	—	—	104
Median -----	10.8	10—	11.1	10.3	11.0	11.4	11.3	10—	11.5	...
SELECTED CHARACTERISTICS										
Heating equipment -----	11 899	449	2 527	3 454	2 547	1 449	1 031	249	193	97
Steam or hot water system -----	328	—	29	101	41	53	45	39	20	121
Central warm-air furnace or electric heat pump -----	8 052	98	1 103	2 234	2 104	1 253	912	181	167	107
Other built-in electric units -----	58	—	19	13	19	7	—	—	—	94
Floor, wall, or pipeless furnace -----	1 647	173	681	516	156	49	62	4	6	74
Other means -----	1 814	178	695	590	227	87	12	25	—	76
Air conditioning -----	8 080	126	1 285	2 157	2 001	1 189	896	246	180	106
Central system -----	4 367	16	253	895	1 243	875	752	189	144	121
1 or more individual room units -----	3 713	110	1 032	1 262	758	314	144	57	36	89
House heating fuel -----	11 899	449	2 527	3 454	2 547	1 449	1 031	249	193	97
Utility gas -----	11 462	434	2 472	3 319	2 425	1 396	1 009	223	184	96
Bottled, tank, or LP gas -----	165	—	7	68	52	22	8	9	—	104
Electricity -----	156	—	25	40	41	21	14	6	9	108
Fuel oil, kerosene, etc. -----	15	—	—	—	5	10	—	—	—	131
Other -----	100	15	23	27	24	—	—	11	—	86

Table B—7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Springfield city	Owner-occupied housing units							Renter-occupied housing units						
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier		
	Occupied housing units	31 487	3 171	4 195	7 515	9 255	7 351	20 215	3 553	3 348	3 667	5 506	4 141	
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>														
Married-couple families	21 828	2 624	3 358	5 770	6 084	3 992	6 946	1 073	936	1 453	2 142	1 342		
15 to 24 years	928	176	115	237	277	123	1 909	299	233	467	641	269		
25 to 34 years	4 675	991	1 066	1 012	985	621	2 671	479	342	524	874	452		
35 to 44 years	3 814	627	895	1 014	825	453	764	105	105	160	259	135		
45 to 64 years	8 126	630	962	2 549	2 451	1 534	1 035	94	178	196	261	306		
65 years and over	4 285	200	320	958	1 546	1 261	567	96	78	106	107	180		
Male householder, no wife present	2 121	169	193	349	763	647	4 979	1 067	776	707	1 295	1 134		
15 to 24 years	144	5	39	29	49	22	1 990	411	355	317	498	409		
25 to 34 years	541	77	66	84	201	113	1 521	383	174	194	441	329		
35 to 44 years	307	56	47	72	61	71	477	128	70	42	136	101		
45 to 64 years	457	31	15	98	200	113	553	69	88	103	136	157		
65 years and over	672	—	26	66	252	328	438	76	89	51	84	138		
Female householder, no husband present	7 538	378	644	1 396	2 408	2 712	8 290	1 413	1 636	1 507	2 069	1 665		
15 to 24 years	139	15	28	17	51	28	2 329	560	460	396	545	368		
25 to 34 years	703	119	141	144	217	82	2 023	304	429	471	588	231		
35 to 44 years	661	79	121	194	151	116	797	168	148	174	183	124		
45 to 64 years	2 379	93	212	584	811	679	1 241	142	267	166	288	378		
65 years and over	3 656	72	142	457	1 178	1 807	1 900	239	332	300	465	564		
Median age	52.7	37.3	39.9	51.1	56.8	63.2	29.9	28.4	31.4	28.8	29.6	35.5		
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>														
1979 to March 1980	3 825	1 156	544	812	695	618	12 070	2 699	2 002	2 170	3 148	2 051		
1975 to 1978	8 699	2 015	1 636	1 899	1 808	1 341	5 767	854	1 010	1 095	1 637	1 171		
1970 to 1974	5 876	—	2 015	1 495	1 460	906	1 425	—	336	264	362	463		
1960 to 1969	6 906	—	—	3 309	2 222	1 375	638	—	—	138	229	271		
1959 or earlier	6 181	—	—	—	3 070	3 111	315	—	—	—	130	185		
<b>ROOMS</b>														
1 room	31	5	13	7	—	6	726	131	143	74	182	196		
2 rooms	44	—	—	13	21	10	1 500	182	278	278	308	454		
3 rooms	567	26	45	70	190	236	4 332	883	741	799	925	984		
4 rooms	4 608	201	321	585	1 855	1 646	6 818	1 519	1 165	1 299	1 844	991		
5 rooms	9 596	905	1 279	2 104	3 146	2 162	4 252	655	682	736	1 343	836		
6 rooms	8 701	1 013	1 275	2 519	2 265	1 629	1 728	120	298	373	508	429		
7 or more rooms	7 940	1 021	1 262	2 217	1 778	1 662	859	63	41	108	396	251		
Median	5.6	5.9	5.8	5.9	5.3	5.3	4.0	3.9	3.9	4.0	4.2	3.9		
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>														
Complete plumbing for exclusive use	31 387	3 166	4 195	7 503	9 218	7 305	19 917	3 548	3 325	3 655	5 434	3 955		
0.50 or less	22 739	2 128	2 498	5 307	6 907	5 899	12 579	2 372	2 165	2 266	3 275	2 501		
0.51 to 1.00	8 288	1 006	1 623	2 124	2 250	1 285	6 691	1 114	1 091	1 227	1 925	1 334		
1.01 to 1.50	328	27	61	72	53	115	451	27	69	102	162	91		
1.51 or more	32	5	13	—	8	6	196	35	—	60	72	29		
Locking complete plumbing for exclusive use	100	5	—	12	37	46	298	5	23	12	72	186		
0.50 or less	47	—	—	5	5	37	171	—	11	—	37	123		
0.51 to 1.00	53	5	—	7	32	9	121	5	12	12	35	57		
1.01 to 1.50	—	—	—	—	—	—	6	—	—	—	—	—		
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	6		
<b>PERSONS IN UNIT</b>														
1 person	6 628	330	456	1 111	2 254	2 477	8 062	1 491	1 423	1 285	1 922	1 941		
2 persons	11 956	1 087	1 218	2 986	3 870	2 795	6 208	1 241	1 043	1 219	1 648	1 057		
3 persons	5 453	633	981	1 417	1 485	937	3 004	482	517	577	911	517		
4 persons	4 724	754	1 003	1 301	1 019	647	1 745	264	197	327	617	340		
5 persons	1 831	238	371	493	413	316	756	52	113	205	231	155		
6 or more persons	895	129	166	207	214	179	440	23	55	54	177	131		
Median	2.26	2.77	2.93	2.39	2.11	1.93	1.83	1.73	1.74	1.95	2.00	1.62		
Total persons	82 498	9 601	13 049	20 831	22 165	16 852	41 593	6 665	6 450	8 008	12 196	8 274		
<b>UNITS IN STRUCTURE</b>														
1, detached or attached	30 040	2 955	3 779	7 201	9 054	7 051	8 462	637	630	1 283	3 731	2 181		
2	348	41	12	29	115	151	1 960	413	277	253	546	471		
3 and 4	134	10	4	18	13	89	1 559	219	267	181	394	498		
5 to 9	42	—	4	9	9	20	1 502	193	250	269	312	478		
10 to 49	65	14	—	4	12	35	4 342	1 382	999	1 083	437	441		
50 or more	15	5	5	—	5	5	2 075	654	816	477	64	64		
Mobile home or trailer, etc.	843	146	391	254	52	—	315	55	109	121	22	8		
<b>SELECTED CHARACTERISTICS</b>														
Hearing equipment	31 481	3 171	4 195	7 509	9 255	7 351	20 209	3 553	3 348	3 667	5 500	4 141		
Steam or hot water system	844	25	25	132	252	410	1 337	48	63	175	369	682		
Central warm-air furnace or electric heat pump	24 253	3 049	4 046	7 025	6 161	3 972	12 868	3 084	2 897	2 911	2 518	1 458		
Other built-in electric units	135	46	—	6	57	26	789	314	233	88	111	43		
Floor, wall, or pipeless furnace	3 043	22	31	167	1 474	1 349	2 441	49	55	270	1 342	725		
Other means	3 206	29	93	179	1 311	1 594	2 774	58	100	223	1 160	1 233		
Air conditioning	23 320	2 963	3 799	6 419	6 267	3 872	12 489	3 327	2 937	2 858	2 079	1 288		
Central system	14 683	2 795	3 365	4 775	2 754	994	8 509	3 078	2 543	1 975	661	252		
1 or more individual room units	8 637	168	434	1 644	3 513	2 878	3 980	249	394	883	1 418	1 036		
House heating fuel	31 481	3 171	4 195	7 509	9 255	7 351	20 209	3 553	3 348	3 667	5 500	4 141		
Utility gas	30 119	2 968	3 964	7 205	8 849	7 133	16 383	1 976	2 192	3 109	5 179	3 927		
Bottled, tank, or LP gas	468	30	102	113	135	88	143	29	35	47	18	14		
Electricity	571	173	73	137	131	57	3 526	1 548	1 121	511	243	103		
Fuel oil, kerosene, etc.	27	—	—	—	7	20	33	—	—	—	11	22		
Other	296	—	56	54	133	53	124	—	—	—	49	75		
Income in 1979 below poverty level	2 776	136	170	365	937	1 168	5 222	655	932	727	1 524	1 384		
Percent below poverty level	8.8	4.3	4.1	4.9	10.1	15.9	25.8	18.4	27.8	19.8	27.7	33.4		
<b>HOUSEHOLD INCOME IN 1979</b>														
Less than \$5,000	3 580	113	200	464	1 190	1 613	5 057	610	921	709	1 357	1 460		
\$5,000 to \$9,999	5 158	252	350	969	1 821	1 766	6 124	907	876	1 135	1 854	1 352		
\$10,000 to \$12,499	2 654	138	275	606	870	765	2 393	470	390	485	618	430		
\$12,500 to \$14,999	2 618	181	344	550	937	606	1 956	436	341	370	574	235		
\$15,000 to \$19,999	5 078	619	777	1 321	1 443	918	2 458	499	443	455	709	352		
\$20,000 to \$24,999	4 484	601	746	1 271	1 190	676	1 179	339	193	219	265	163		
\$25,000 to \$34,999	4 879	759	928	1 382	1 132	678	7							

Table B-8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

**Springfield city**

	Owner-occupied housing units				Renter-occupied housing units							Mobile home or trailer, etc.	
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units		10 to 49 units	50 or more units		
								3 to 4 units	5 to 9 units				
<b>Occupied housing units</b>	<b>31 487</b>	<b>30 040</b>	<b>604</b>	<b>843</b>	<b>20 215</b>	<b>8 462</b>	<b>1 960</b>	<b>1 559</b>	<b>1 502</b>	<b>4 342</b>	<b>2 075</b>	<b>315</b>	
Condominium housing units	34	27	7	—	129	—	—	—	23	73	33	—	
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	<b>21 828</b>	<b>21 030</b>	<b>308</b>	<b>490</b>	<b>6 946</b>	<b>4 319</b>	<b>642</b>	<b>341</b>	<b>263</b>	<b>827</b>	<b>443</b>	<b>111</b>	
15 to 24 years	928	782	13	133	1 909	977	208	110	57	313	195	49	
25 to 34 years	4 675	4 468	49	158	2 671	1 726	276	140	114	257	121	37	
35 to 44 years	3 814	3 750	16	48	764	577	30	55	18	52	12	20	
45 to 64 years	8 126	7 919	117	90	1 035	756	49	24	48	114	39	5	
65 years and over	4 285	4 111	113	61	567	283	79	12	26	91	76	—	
Male householder, no wife present	<b>2 121</b>	<b>1 940</b>	<b>69</b>	<b>112</b>	<b>4 979</b>	<b>1 484</b>	<b>476</b>	<b>460</b>	<b>481</b>	<b>1 408</b>	<b>592</b>	<b>78</b>	
15 to 24 years	144	100	6	38	1 990	505	168	205	151	695	225	41	
25 to 34 years	541	485	16	40	1 521	541	175	102	150	409	131	13	
35 to 44 years	307	272	17	18	477	173	48	24	51	111	66	4	
45 to 64 years	457	428	19	10	553	148	36	82	72	129	71	15	
65 years and over	672	655	11	6	438	117	49	47	57	64	99	5	
Female householder, no husband present	<b>7 538</b>	<b>7 070</b>	<b>227</b>	<b>241</b>	<b>8 290</b>	<b>2 659</b>	<b>842</b>	<b>758</b>	<b>758</b>	<b>2 107</b>	<b>1 040</b>	<b>126</b>	
15 to 24 years	139	107	—	32	2 329	507	190	245	287	803	265	32	
25 to 34 years	703	631	23	49	2 023	782	241	165	147	421	220	47	
35 to 44 years	661	630	6	25	797	351	73	32	55	203	56	27	
45 to 64 years	2 379	2 235	61	83	1 241	460	113	137	88	312	125	6	
65 years and over	3 656	3 467	137	52	1 900	559	225	179	181	368	374	14	
Median age	52.7	52.9	61.6	33.7	29.9	31.5	29.6	29.5	30.5	27.3	31.9	29.0	
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	<b>3 825</b>	<b>3 486</b>	<b>107</b>	<b>232</b>	<b>12 070</b>	<b>4 708</b>	<b>1 174</b>	<b>959</b>	<b>927</b>	<b>2 908</b>	<b>1 184</b>	<b>210</b>	
1975 to 1978	8 699	8 240	119	340	5 767	2 553	537	419	459	1 050	665	84	
1970 to 1974	5 876	5 573	76	227	1 425	602	139	110	75	285	200	14	
1960 to 1969	6 906	6 724	138	44	638	371	88	50	23	80	19	7	
1959 or earlier	6 181	6 017	164	—	315	228	22	21	18	19	7	—	
<b>ROOMS</b>													
1 room	31	11	—	20	726	6	13	40	143	284	240	—	
2 rooms	44	21	16	7	1 500	102	62	136	285	556	346	13	
3 rooms	567	402	56	109	4 332	652	439	631	503	1 326	690	91	
4 rooms	4 608	3 950	185	473	6 818	2 617	992	483	318	1 722	573	113	
5 rooms	9 596	9 220	184	192	4 252	2 800	355	235	160	423	200	79	
6 rooms	8 701	8 595	84	22	1 728	1 491	76	23	75	25	12	—	
7 or more rooms	7 940	7 841	79	20	859	794	23	11	18	6	—	7	
Median	5.6	5.7	4.7	4.1	4.0	4.8	4.0	3.5	3.1	3.5	3.2	4.0	
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
Complete plumbing for exclusive use	<b>31 387</b>	<b>29 952</b>	<b>592</b>	<b>843</b>	<b>19 917</b>	<b>8 439</b>	<b>1 920</b>	<b>1 497</b>	<b>1 430</b>	<b>4 246</b>	<b>2 070</b>	<b>315</b>	
0.50 or less	22 739	21 773	448	518	12 579	4 981	1 256	1 012	938	2 855	1 368	169	
0.51 to 1.00	8 288	7 856	138	294	6 691	3 137	648	428	457	1 288	598	135	
1.01 to 1.50	328	304	—	24	451	279	9	36	5	79	32	11	
1.51 or more	32	19	6	7	196	42	7	21	30	24	72	—	
Locking complete plumbing for exclusive use	<b>100</b>	<b>88</b>	<b>12</b>	<b>—</b>	<b>298</b>	<b>23</b>	<b>40</b>	<b>62</b>	<b>72</b>	<b>96</b>	<b>5</b>	<b>—</b>	
0.50 or less	47	47	—	—	171	18	35	49	38	26	5	—	
0.51 to 1.00	53	41	12	—	121	5	5	13	34	64	—	—	
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—	
1.51 or more	—	—	—	—	6	—	—	—	—	6	—	—	
<b>BEDROOMS</b>													
None	42	22	—	20	1 009	31	38	77	181	384	298	—	
1	132	938	117	77	6 344	1 103	572	841	855	1 855	1 060	58	
2	10 136	9 240	314	582	9 090	4 331	1 220	527	315	1 930	576	191	
3	16 586	16 294	128	164	3 356	2 630	118	106	135	167	141	59	
4	2 997	2 960	37	—	376	333	6	8	16	6	7	7	
5 or more	594	586	8	—	40	34	6	—	—	—	—	—	
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000	3 580	3 412	51	117	5 057	1 696	408	510	574	1 140	643	86	
\$5,000 to \$9,999	5 158	4 763	178	217	6 124	2 395	658	499	442	1 336	666	128	
\$10,000 to \$12,499	2 654	2 461	77	116	2 393	1 003	287	157	162	486	256	42	
\$12,500 to \$14,999	2 618	2 485	23	110	1 956	916	158	113	120	490	140	19	
\$15,000 to \$19,999	5 078	4 797	110	171	2 458	1 277	198	155	143	472	196	17	
\$20,000 to \$24,999	4 484	4 380	44	60	1 179	642	125	85	22	186	102	17	
\$25,000 to \$34,999	4 879	4 749	89	41	701	351	97	40	21	141	45	6	
\$35,000 to \$49,999	1 847	1 826	16	5	213	112	19	—	11	51	20	—	
\$50,000 or more	1 189	1 167	16	6	134	70	10	—	7	40	7	—	
Median	\$16 575	\$16 837	\$12 370	\$11 886	\$9 086	\$10 349	\$9 238	\$7 705	\$6 806	\$8 780	\$7 643	\$8 277	
Mean	\$19 590	\$19 857	\$15 909	\$12 719	\$10 847	\$12 090	\$10 976	\$8 990	\$8 730	\$10 567	\$9 438	\$9 054	
<b>SELECTED CHARACTERISTICS</b>													
Heating equipment	<b>31 481</b>	<b>30 034</b>	<b>604</b>	<b>843</b>	<b>20 209</b>	<b>8 462</b>	<b>1 960</b>	<b>1 559</b>	<b>1 496</b>	<b>4 342</b>	<b>2 075</b>	<b>315</b>	
Steam or hot water system	844	791	48	5	1 337	145	44	145	268	507	222	6	
Central warm-air furnace or electric heat pump	24 253	23 036	450	767	12 868	4 503	1 326	1 066	893	3 224	1 572	284	
Other built-in electric units	135	117	7	11	789	108	25	27	67	334	228	—	
Floor, wall, or pipeless furnace	3 043	2 996	29	18	2 441	1 869	261	91	89	101	23	7	
Other means	3 206	3 094	70	42	2 774	1 837	304	230	179	176	30	18	
Air conditioning	<b>23 320</b>	<b>22 275</b>	<b>415</b>	<b>630</b>	<b>12 489</b>	<b>3 998</b>	<b>1 178</b>	<b>826</b>	<b>824</b>	<b>3 579</b>	<b>1 914</b>	<b>170</b>	
Central system	14 683	14 230	187	266	8 509	1 828	820	524	559	3 006	1 707	65	
Vehicles available	<b>29 266</b>	<b>27 936</b>	<b>534</b>	<b>796</b>	<b>17 227</b>	<b>7 517</b>	<b>1 680</b>	<b>1 206</b>	<b>1 196</b>	<b>3 685</b>	<b>1 663</b>	<b>280</b>	
1	10 665	9 941	299	425	10 586	3 850	1 118	813	865	2 505	1 215	220	
2 or more	18 601	17 995	235	371	6 641	3 667	562	393	331	1 180	448	60	
House heating fuel	<b>31 481</b>	<b>30 034</b>	<b>604</b>	<b>843</b>	<b>20 209</b>	<b>8 462</b>	<b>1 960</b>	<b>1 559</b>	<b>1 496</b>	<b>4 342</b>	<b>2 075</b>	<b>315</b>	
Utility gas	468	272	5	191	143	47	6	10	—	27	21	32	
Bottled, tank, or LP gas	571	499	21	51	3 526	369	191	172	149	1 618	1 010	17	
Electricity	27	22	5	—	33	6	—	—	19	8	—	—	
Fuel oil, kerosene, etc.	296	290	—	6	124	48	6	19	12	32	7	—	
Water heating fuel	<b>31 457</b>	<b>30 010</b>	<b>604</b>	<b>843</b>	<b>20 204</b>	<b>8 451</b>	<b>1 960</b>	<b>1 559</b>	<b>1 502</b>	<b>4 342</b>	<b>2 075</b>	<b>315</b>	
Utility gas	29 630	28 638	551	441	16 388	7 875	1 789	1 326	1 302	2 792	1 062	242	
Bottled, tank, or LP gas	494	335	5	154	293	126	10	12	22	35	49	39	
Electricity	1 316	1 020	48	248	3 504	444	161	216	170	1 515	964	34	
Fuel oil, kerosene, etc.	10	10	—	—	8	—	—	—	8	—	—	—	
Other	7	7	—	—	11	6	—	5	—	—	—	—	
Family householder	<b>24 460</b>	<b>23 471</b>	<b>405</b>	<b>584</b>	<b>9 743</b>	<b>5 718</b>	<b>953</b>	<b>526</b>	<b>467</b>	<b>1 275</b>	<b>625</b>	<b>179</b>	
With own children under 18 years	10 625												

Table B-9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8]

## Springfield city

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	31 487	6 628	11 956	5 453	4 724	1 831	610	214	71	2.26	82 498
Nonrelatives present	726	—	326	177	67	95	32	13	16	2.71	2 521
<b>ROOMS</b>											
1 to 3 rooms	642	364	228	40	4	6	—	—	—	1.38	1 032
4 rooms	4 608	1 837	1 853	492	299	91	36	—	—	1.75	9 226
5 rooms	9 596	2 339	3 691	1 676	1 231	543	77	30	9	2.17	23 510
6 rooms	8 701	1 361	3 598	1 616	1 374	518	161	61	12	2.33	23 270
7 rooms	4 319	438	1 648	969	811	279	142	30	2	2.58	12 521
8 or more rooms	3 621	289	938	660	1 005	394	194	93	48	3.38	12 939
Median	5.6	5.0	5.6	5.8	6.1	6.0	6.7	7.0	7.9	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
Complete plumbing for exclusive use	31 387	6 591	11 928	5 429	4 713	1 831	610	214	71	2.26	82 288
1.00 or less	31 027	6 591	11 916	5 429	4 709	1 734	497	123	28	2.25	80 137
1.01 to 1.50	328	—	—	—	4	91	113	91	29	6.11	2 011
1.51 or more	32	—	12	—	—	6	—	—	14	5.17	140
Locking complete plumbing for exclusive use	100	37	28	24	11	—	—	—	—	1.96	210
1.00 or less	100	37	28	24	11	—	—	—	—	1.96	210
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	30 040	6 198	11 373	5 269	4 569	1 758	588	214	71	2.28	78 934
2 or more	604	189	258	64	55	23	15	—	—	1.94	1 508
Mobile home or trailer, etc.	843	241	325	120	100	50	7	—	—	2.06	2 056
<b>VALUE</b>											
Specified owner-occupied housing units	28 695	5 866	10 899	5 039	4 379	1 681	546	214	71	2.28	75 165
Less than \$10,000	1 060	484	362	71	55	69	11	8	—	1.63	2 139
\$10,000 to \$19,999	4 398	1 538	1 579	642	367	168	70	16	18	1.92	10 130
\$20,000 to \$29,999	6 004	1 534	2 369	960	662	326	100	30	23	2.12	14 493
\$30,000 to \$39,999	6 704	1 203	2 532	1 139	1 177	420	148	66	19	2.35	17 830
\$40,000 to \$49,999	4 604	583	1 720	992	913	304	57	30	5	2.50	13 053
\$50,000 to \$59,999	2 391	265	970	517	449	123	45	22	—	2.46	6 712
\$60,000 to \$79,999	2 365	181	951	464	512	164	56	31	6	2.61	6 989
\$80,000 to \$99,999	515	39	185	132	96	34	23	6	—	2.75	1 558
\$100,000 to \$149,999	538	32	200	122	116	41	22	5	—	2.80	1 767
\$150,000 or more	116	7	31	—	32	32	14	—	—	4.13	494
Median	\$33 900	\$25 800	\$34 200	\$37 200	\$39 300	\$36 600	\$36 400	\$38 100	\$25 500	...	...
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	31 487	6 628	11 956	5 453	4 724	1 831	610	214	71	2.26	82 498
Median income	\$16 575	\$6 775	\$16 195	\$21 209	\$21 496	\$21 187	\$21 413	\$24 668	\$16 563	...	...
Median selected monthly owner costs as percentage of household income	15.6	21.7	13.4	14.7	16.2	16.6	14.9	14.3	20.4	...	...
With o mortgage	18.5	25.6	18.3	17.2	17.4	18.1	17.3	16.5	20.2	...	...
Not mortgaged	10.8	18.9	10—	10—	10—	10—	10—	10—	21.0	...	...
Income in 1979 below poverty level	2 776	1 412	682	193	204	186	54	12	33	1.48	...
Median income	\$3 223	\$2 840	\$3 215	\$2 912	\$5 779	\$6 164	\$6 923	\$10 000	\$11 597	...	...
Median selected monthly owner costs as percentage of household income	42.3	39.1	45.4	50+	50+	45.8	50+	42.0	25.8	...	...
With o mortgage	50+	50+	50+	50+	50+	48.3	50+	42.0	27.2	...	...
Not mortgaged	35.7	36.8	32.9	38.7	21.1	13.8	—	—	22.5	...	...
Renter-occupied housing units	20 215	8 062	6 208	3 004	1 745	756	250	133	57	1.83	41 593
Nonrelatives present	2 798	—	1 805	560	242	129	36	17	9	2.28	7 136
<b>ROOMS</b>											
1 room	726	615	111	—	—	—	—	—	—	1.09	789
2 rooms	1 500	1 143	280	45	21	11	—	—	—	1.16	1 885
3 rooms	4 332	2 884	1 154	232	54	8	—	—	—	1.25	5 964
4 rooms	6 818	2 321	2 738	1 143	464	109	21	17	5	1.90	13 269
5 rooms	4 252	800	1 306	997	642	312	115	58	22	2.52	11 395
6 rooms	1 728	215	458	408	346	190	63	26	22	2.97	5 375
7 or more rooms	859	84	161	179	218	126	51	32	8	3.53	2 916
Median	4.0	3.3	4.1	4.6	5.0	5.3	5.4	5.4	5.6	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
Complete plumbing for exclusive use	19 917	7 845	6 150	2 986	1 740	756	250	133	57	1.84	41 185
1.00 or less	19 270	7 845	6 045	2 941	1 665	628	114	32	—	1.80	38 152
1.01 to 1.50	451	—	—	45	54	109	136	84	23	5.63	2 349
1.51 or more	196	—	105	—	21	19	—	17	34	2.43	684
Locking complete plumbing for exclusive use	298	217	58	18	5	—	—	—	—	1.19	408
1.00 or less	292	217	52	18	5	—	—	—	—	1.17	396
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	6	—	6	—	—	—	—	—	—	2.00	12
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	8 462	1 987	2 686	1 659	1 229	565	182	107	47	2.34	21 421
2	1 960	785	645	354	123	16	25	12	—	1.80	3 917
3 and 4	1 559	777	491	159	86	28	12	6	—	1.51	2 800
5 to 9	1 502	860	411	164	24	22	11	—	10	1.37	2 412
10 to 49	4 342	2 273	1 359	468	172	58	12	—	—	1.46	7 095
50 or more	2 075	1 250	558	154	50	47	8	8	—	1.33	3 249
Mobile home or trailer, etc.	315	130	58	46	61	20	—	—	—	1.97	699
<b>GROSS RENT</b>											
Specified renter-occupied housing units	19 910	7 979	6 100	2 953	1 700	751	245	125	57	1.82	40 903
Less than \$100	1 488	1 153	211	69	37	11	—	—	7	1.15	1 935
\$100 to \$149	2 862	1 641	687	278	148	63	23	19	3	1.37	4 701
\$150 to \$199	4 910	2 249	1 472	680	285	145	46	16	17	1.64	9 126
\$200 to \$249	5 249	1 800	1 803	889	525	155	41	36	—	1.96	11 175
\$250 to \$299	2 431	555	911	508	236	145	40	14	22	2.23	5 998
\$300 to \$349	1 209	187	512	250	141	74	21	16	8	2.32	3 167
\$350 to \$399	562	48	149	146	139	41	39	—	—	3.08	1 648
\$400 to \$449	445	57	96	72	100	83	24	13	—	3.47	1 461
\$500 or more	114	24	5	19	30	18	11	7	—	3.80	407
No cash rent	640	265	254	42	59	16	—	4	—	1.72	1 285
Median	\$203	\$176	\$213	\$221	\$235	\$248	\$258	\$224	\$252	...	...
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	20 215	8 062	6 208	3 004	1 745	756	250	133	57	1.83	41 593
Median income	\$9 086	\$6 494	\$10 912	\$10 651	\$11 797	\$11 414	\$12 258	\$14 602	\$14 097	...	...
Median gross rent as percentage of household income	26.0	28.9	23.4	25.6	23.3	24.9	31.9	23.5	17.1	...	...
Income in 1979 below poverty level	5 222	2 230	1 289	727	521	258	115	54	28	1.80	...
Median income	\$3 576	\$2 766	\$3 985	\$4 265	\$5 117	\$5 671	\$5 774	\$8 088	\$8 750	...	...
Median gross rent as percentage of household income	50+	50+	50+	44.4	44.4	46.3	47.5	33.1	37.0	...	...

**Table B – 10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

	Married-couple families										Male householder, no wife present										Median age	
	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over		
Total	9 28	4 675	3 814	8 126	4 285	144	541	307	457	672	139	703	661	2 379	3 656	52.7						
6 628	-	1 073	-	340	4 373	3 759	94	406	219	309	566	63	328	147	3 066	67.1						
11 956	4 70	1 291	783	2 026	415	75	43	101	55	93	52	177	266	636	443	60.0						
5 453	3 05	1 592	1 607	1 068	70	-	-	26	15	4	24	77	118	196	101	45.3						
4 724	1 11	1 536	693	397	21	-	6	-	7	-	-	-	38	68	40	28	37.9					
1 831	1 55	183	391	262	20	-	-	1 27	1 17	1 20	1 24	-	-	49	24	8	42.5					
895	2 26	3 48	9 419	2 43	2 07	-	-	9 419	2 17	782	434	698	795	1 379	1 63	2 14	1 34	1 10				
82 498	2 69	16 306	15 952	23 318	-	-	-	-	-	-	-	-	-	-	1 614	4 041	4 665	4 041	-			
31 387	9 28	4 670	3 814	8 109	4 260	144	541	307	447	672	139	703	-	-	657	30	2 365	3 631	52.7			
360	2	95	97	91	25	-	-	-	-	-	-	-	-	-	30	4	14	6	42.1			
100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	25	65.0	-		
28 695	756	4 310	3 599	7 512	3 966	95	457	266	404	612	107	614	557	476	2 117	3 288	52.8					
16 790	712	4 139	3 208	4 527	718	86	394	199	197	125	107	557	56	212	1 029	3 16	41.0					
5 860	1 58	1 083	1 332	2 515	138	4	87	59	61	24	11	9	106	88	138	33	45.3					
3 559	1 19	1 124	893	832	147	-	63	62	26	24	5	19	117	61	166	35	38.5					
2 815	2 02	949	498	480	94	13	41	27	47	5	-	-	-	53	33	132	42	36.8				
1 493	1 42	418	258	140	112	88	20	32	10	-	72	57	135	292	144	31	45.1					
2 090	42	30	248	327	176	6	-	-	37	-	-	-	-	-	38	5	53.0					
74	-	19 7	8	11	23 9	28 0	-	5	21 2	18 3	20 7	36.5	24 9	25 1	24 4	33 1	2 972	67.0				
22 0	19 4	16 7	19 4	19 1	2 985	3 248	9	67	67	20 7	487	-	57	116	1 098	2 972	67.0					
11 905	44	171	391	2 298	1 458	5	36	55	114	164	-	-	31	36	32	50 9	61.6					
5 578	37	140	324	42	327	634	4	43	23	6	-	-	7	-	-	584	69.4					
2 243	7	6	11	129	404	-	-	-	7	49	-	-	-	-	-	478	73.0					
1 204	-	6	-	5	215	-	-	-	-	54	-	-	-	-	-	10	110	72.3				
933	-	12	-	40	145	-	-	-	4	-	-	-	-	-	19	103	45.4					
516	-	-	-	37	43	-	-	-	5	39	-	-	-	-	6	43	23.3					
415	-	7	9	72	139	-	-	-	6	22	37	-	-	-	19	13	22.7					
948	-	10	-	11	10	-	-	-	10	10	11	-	-	-	10	10	72.0					
68	10 8	-	10 8	10 8	10 8	10 8	-	10 8	10 8	10 8	10 8	10 8	10 8	10 8	10 8	10 8	66.7					
20 215	1 969	2 671	764	1 035	567	1 990	1 521	477	553	438	2 329	2 023	797	1 241	1 900	29.9						
8 062	1	1	1	878	121	-	-	107	1001	292	428	392	1 060	913	263	866	1 740	34.7				
6 208	1	1	1	807	150	468	620	331	115	107	36	827	502	224	195	145	27.2					
3 004	5 6	1 745	1 612	156	33	149	138	107	23	6	10	320	365	134	110	15	27.9					
756	53	756	269	157	69	9	13	29	5	6	-	40	52	52	41	-	31.2					
440	0	105	141	81	8	1 40	1 26	1 32	1 15	1 06	1 16	20	17	17	17	-	32.9					
1 833	2 16	3 047	3 244	3 056	1 200	3 244	2 314	761	731	4 002	468	1 707	1 63	1 707	1 707	1 707	1 707	38.6				
41 593	4 77	8 219	8 219	3 244	-	-	-	-	-	-	-	-	-	-	1 831	3 985	1 794	2 020	2 020			
19 917	1 85	2 664	757	1 029	567	1 951	1 511	463	532	401	2 295	2 006	783	1 219	1 864	29.9						
647	167	77	7	75	6	23	27	10	13	9	41	34	37	34	21	21	-	32.1				
298	4	-	-	-	-	-	-	-	-	-	-	-	-	-	14	14	36	36.9				
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62.5				
19 910	1 811	2 597	747	988	546	1 971	1 498	472	553	438	2 321	1 992	797	1 224	1 885	29.9						
2 788	3 33	4 644	172	239	65	150	136	136	108	108	108	108	108	108	174	82	131	31.2				
3 251	4 61	709	137	187	75	288	327	71	71	71	71	71	71	71	298	56	158	118	28.9			
2 995	3 31	233	101	163	100	238	328	215	215	215	215	215	215	215	244	359	144	167	203	29.5		
2 339	2 4	233	67	51	88	230	180	45	45	45	45	45	45	45	32	279	145	156	294	30.7		
1 656	1 15	224	42	81	26	234	80	13	13	13	13	13	13	13	38	109	89	98	153	28.5		
2 805	2 07	195	165	99	104	300	147	33	33	30	30	30	30	30	83	415	287	124	224	34.3		
3 169	1 4	161	77	91	77	48	81	44	44	44	44	44	44	44	714	419	115	279	115	31.1		
907	2 46	72	72	72	72	48	48	48	48	48	48	48	48	48	45	45	45	45	45	28.8		
26.0	21.8	20.8	24.0	24.0	24.0	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	33.5	33.5	

## Springfield city

SANTO - 1990 - 100 - 101

MORTGAGE STATUS AND SELECTED MONTHLY

**PERSONS IN UNIT**

THE BOSTONIAN

Table B-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8]

Springfield city	Male householder						Female householder						
	Total						Total						
		15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over		15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
Owner-occupied housing units	6 628	1 594	94	406	219	309	566	5 034	63	328	160	1 417	3 066
PLUMBING FACILITIES													
Complete plumbing for exclusive use	6 591	1 584	94	406	219	299	566	5 007	63	328	160	1 410	3 046
Locking complete plumbing for exclusive use	37	10	-	-	10	-	-	27	-	-	-	7	20
UNITS IN STRUCTURE													
1, detached or attached	6 198	1 457	60	360	189	299	549	4 741	40	293	155	1 330	2 923
2 or more	189	50	6	16	12	5	11	139	10	10	33	33	96
Mobile home or trailer, etc.	241	87	28	30	18	5	6	154	23	25	5	54	47
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	2 469	360	12	47	20	55	226	2 109	19	23	17	389	1 661
\$5,000 to \$9,999	1 989	365	12	90	29	54	180	1 624	12	74	36	522	980
\$10,000 to \$12,499	583	164	33	33	5	46	47	419	16	73	37	165	128
\$12,500 to \$14,999	522	189	13	69	17	41	49	333	11	70	16	123	113
\$15,000 to \$19,999	565	238	19	99	54	49	17	327	5	63	33	121	105
\$20,000 to \$24,999	250	112	-	28	38	29	17	138	-	18	15	57	48
\$25,000 to \$34,999	144	85	5	20	27	13	20	59	-	7	6	26	20
\$35,000 to \$49,999	50	36	-	13	6	17	-	14	-	-	-	9	5
\$50,000 or more	56	45	-	7	23	5	10	11	-	-	-	5	6
Median	\$6 775	\$11 098	\$11 742	\$13 696	\$18 924	\$12 473	\$6 307	\$6 018	\$10 078	\$12 295	\$11 824	\$7 864	\$4 761
Mean	\$9 825	\$16 340	\$11 930	\$19 425	\$20 799	\$16 698	\$12 939	\$7 762	\$8 820	\$12 511	\$12 556	\$9 237	\$6 301
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	5 866	1 379	55	344	183	281	516	4 487	40	287	140	1 260	2 760
With a mortgage	1 904	743	55	288	149	148	103	1 161	40	244	99	529	249
Less than \$200	707	222	6	59	37	49	71	485	13	53	22	255	142
\$200 to \$249	426	152	12	72	28	31	9	274	5	82	15	109	63
\$250 to \$299	285	100	8	46	17	23	6	185	11	58	22	66	28
\$300 to \$349	187	84	18	18	32	11	5	103	5	26	11	51	10
\$350 to \$399	134	88	-	56	18	14	-	46	-	24	22	-	-
\$400 to \$449	109	74	6	30	12	14	12	35	6	12	5	6	6
\$500 to \$599	40	11	5	-	-	6	-	29	-	13	-	16	-
\$600 to \$749	7	7	-	7	-	-	-	-	-	-	-	-	-
\$750 or more	9	5	-	-	5	-	4	-	-	-	-	4	-
Median	\$229	\$249	\$304	\$264	\$278	\$240	\$154	\$217	\$259	\$242	\$278	\$204	\$186
Not mortgaged	3 962	636	-	56	34	133	413	3 326	-	43	41	731	2 511
Less than \$50	276	73	-	16	6	13	38	203	-	5	-	31	167
\$50 to \$74	1 259	197	-	23	16	38	120	1 062	-	12	7	231	812
\$75 to \$99	1 227	151	-	10	6	28	107	1 076	-	19	19	201	837
\$100 to \$124	706	132	-	-	6	17	109	574	-	-	6	151	417
\$125 to \$149	256	43	-	-	-	25	18	213	-	7	6	69	131
\$150 to \$199	174	28	-	-	-	12	16	146	-	-	3	27	116
\$200 to \$249	21	-	-	-	-	-	-	21	-	-	-	11	10
\$250 or more	43	12	-	7	-	-	5	31	-	-	-	10	21
Median	\$84	\$83	-	\$63	\$67	\$89	\$86	\$84	-	\$81	\$93	\$88	\$83
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	21.7	20.1	28.6	21.5	16.9	17.5	19.0	22.2	29.0	22.2	24.6	21.5	22.2
With a mortgage	25.6	23.0	28.6	22.8	18.0	22.7	41.1	27.6	29.0	23.3	26.3	27.8	33.5
Not mortgaged	18.9	12.8	-	10-	10-	10.2	16.4	19.9	-	10-	12.5	14.1	21.2
Income in 1979 below poverty level	1 412	236	6	32	6	40	152	1 176	19	11	5	282	859
Percent below poverty level	21.3	14.8	6.4	7.9	2.7	12.9	26.9	23.4	30.2	3.4	3.1	19.9	28.0
Renter-occupied housing units	8 062	3 220	1 107	1 001	292	428	392	4 842	1 060	913	263	866	1 740
PLUMBING FACILITIES													
Complete plumbing for exclusive use	7 845	3 104	1 073	991	278	407	355	4 741	1 042	896	249	844	1 710
Locking complete plumbing for exclusive use	217	116	34	10	14	21	37	101	18	17	14	22	30
UNITS IN STRUCTURE													
1, detached or attached	1 987	775	238	276	77	89	95	1 212	162	256	61	261	472
2	785	289	92	122	21	21	33	496	66	125	34	70	201
3 and 4	777	284	115	53	12	65	39	493	131	89	-	99	174
5 to 9	860	398	110	137	38	56	57	462	160	52	13	65	172
10 to 49	2 273	964	398	313	78	111	64	1 309	342	243	115	258	351
50 or more	1 250	444	119	93	62	71	99	806	182	127	27	107	363
Mobile home or trailer, etc.	130	66	35	7	4	15	5	64	17	21	13	6	7
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	3 210	1 088	423	208	68	159	230	2 122	442	108	53	413	1 106
\$5,000 to \$9,999	2 607	948	410	261	70	115	92	1 659	475	375	94	275	440
\$10,000 to \$12,499	790	311	124	116	33	30	8	479	57	226	63	69	64
\$12,500 to \$14,999	612	315	64	188	21	23	19	297	67	112	28	31	59
\$15,000 to \$19,999	483	279	64	108	44	41	22	204	19	83	25	38	39
\$20,000 to \$24,999	144	134	8	67	31	20	8	10	-	3	-	7	-
\$25,000 to \$34,999	140	88	14	36	19	13	6	52	-	6	-	19	27
\$35,000 to \$49,999	51	44	-	12	6	19	7	7	-	-	-	7	-
\$50,000 or more	25	13	-	5	-	8	-	12	-	-	-	7	5
Median	\$6 494	\$7 748	\$6 359	\$10 679	\$10 606	\$7 619	\$4 562	\$5 831	\$5 898	\$9 709	\$9 193	\$5 279	\$4 329
Mean	\$8 060	\$9 572	\$7 029	\$11 595	\$12 307	\$11 951	\$6 954	\$7 054	\$6 143	\$9 607	\$8 892	\$7 783	\$5 630
GROSS RENT													
Specified renter-occupied housing units	7 979	3 186	1 088	986	292	428	392	4 793	1 052	894	263	854	1 730
Less than \$100	1 153	412	64	89	37	69	153	741	41	31	22	139	508
\$100 to \$149	1 641	759	261	207	49	133	109	882	122	97	27	238	398
\$150 to \$199	2 249	882	401	260	68	113	40	1 367	441	367	78	182	299
\$200 to \$249	1 800	639	241	228	77	73	20	1 161	343	283	110	186	239
\$250 to \$299	555	249	85	101	33	19	11	306	79	61	11	79	76
\$300 to \$349	187	76	20	23	6	11	16	111	6	33	7	21	44
\$350 to \$399	48	23	-	15	-	8	-	25	-	6	-	-	19
\$400 to \$449	57	28	-	10	12	-	-	29	-	-	-	-	29
\$500 or more	24	10	-	5	-	-	5	14	-	-	-	-	14
No cash rent	265	108	16	48	10	10	24	157	20	16	8	9	104
Median	\$176	\$174	\$179	\$185	\$195	\$116	\$6 954	\$177	\$192	\$195	\$200	\$159	\$141
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	28.9	25.4	33.1	20.2	21.0	21.7	26.4	30.6	34.6	24.0	26.7	31.9	34.1
Income in 1979 below poverty level	2 230	785	320	124	68	111	162	1 445	330	81	26	331	677
Percent below poverty level	27.7	24.4	28.9	12.4	23.3	25.9	41.3	29.8	31.1	8.9	9.9	38.2	38.9

Table B—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

**Springfield city**

Vacant for sale only housing units

ROOMS

	Total	Less than 2 months	2 up to 6 months	6 or more months
504	504	187	173	144
1 to 3 rooms	31	6	6	19
4 rooms	115	26	52	37
5 rooms	110	47	39	24
6 rooms	119	75	44	—
7 rooms	84	15	18	51
8 or more rooms	45	18	14	13
Median	5.5	5.7	5.2	5.2

PLUMBING FACILITIES

	Total	Less than 2 months	2 up to 6 months	6 or more months
Complete plumbing for exclusive use	504	187	173	144
Lacking complete plumbing for exclusive use	—	—	—	—

BEDROOMS

	Total	Less than 2 months	2 up to 6 months	6 or more months
None	—	—	—	—
1	34	6	6	22
2	167	43	80	44
3	254	130	69	55
4	36	8	9	19
5 or more	13	—	9	4

YEAR STRUCTURE BUILT

	Total	Less than 2 months	2 up to 6 months	6 or more months
1975 to March 1980	153	53	76	24
1970 to 1974	52	35	5	12
1960 to 1969	64	35	21	8
1950 to 1959	71	28	15	28
1940 to 1949	53	—	31	22
1939 or earlier	111	36	25	50

UNITS IN STRUCTURE

	Total	Less than 2 months	2 up to 6 months	6 or more months
1, detached or attached	452	173	158	121
2 or more	43	9	15	19

HEATING EQUIPMENT

	Total	Less than 2 months	2 up to 6 months	6 or more months
Central heating system	445	175	160	110
Other means	54	12	13	29

PRICE ASKED

	Total	Less than 2 months	2 up to 6 months	6 or more months
Specified vacant for sale only housing units	420	169	130	121
Less than \$10,000	42	6	5	31
\$10,000 to \$19,999	63	11	15	37
\$20,000 to \$29,999	53	33	17	3
\$30,000 to \$39,999	92	64	20	\$100 to \$149
\$40,000 to \$49,999	54	24	16	\$150 to \$199
\$50,000 to \$59,999	72	25	23	\$200 to \$249
\$60,000 to \$79,999	35	6	25	\$250 to \$299
\$80,000 to \$99,999	—	—	—	\$300 to \$399
\$100,000 or more	9	—	9	\$400 or more

Median

	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for rent housing units	2 418	1 577	683	158	ROOMS	175	110	60	5
1 room	—	—	—	—	2 rooms	234	171	32	31
3 rooms	—	—	—	—	4 rooms	581	358	219	4
5 rooms	—	—	—	—	6 rooms	856	597	200	59
7 rooms	—	—	—	—	8 rooms	391	251	105	35
8 or more rooms	—	—	—	—	9 or more rooms	168	81	67	20
Median	5.5	5.7	5.2	5.2	Median	3.8	3.8	3.7	4.2
PLUMBING FACILITIES	—	—	—	—	PLUMBING FACILITIES	—	—	—	—
Complete plumbing for exclusive use	—	—	—	—	Locking complete plumbing for exclusive use	2 343	1 531	658	154
Locking complete plumbing for exclusive use	—	—	—	—	Median	75	46	25	4
BEDROOMS	—	—	—	—	BEDROOMS	—	—	—	—
None	—	—	—	—	None	202	133	64	5
1	—	—	—	—	1	867	532	300	35
2	167	43	80	44	2	1 068	745	235	88
3	254	130	69	55	3	268	167	71	30
4	36	8	9	19	4	13	—	13	—
5 or more	13	—	9	4	5 or more	—	—	—	—
YEAR STRUCTURE BUILT	—	—	—	—	YEAR STRUCTURE BUILT	—	—	—	—
1975 to March 1980	609	442	142	25	1975 to March 1980	—	—	—	—
1970 to 1974	410	277	106	27	1970 to 1974	—	—	—	—
1960 to 1969	408	265	114	29	1960 to 1969	—	—	—	—
1950 to 1959	212	143	44	25	1950 to 1959	—	—	—	—
1940 to 1949	325	176	141	8	1940 to 1949	—	—	—	—
1939 or earlier	454	274	136	44	1939 or earlier	—	—	—	—
UNITS IN STRUCTURE	—	—	—	—	UNITS IN STRUCTURE	—	—	—	—
1, detached or attached	754	446	234	74	1, detached or attached	—	—	—	—
2	163	129	26	8	2	—	—	—	—
3 and 4	156	100	56	—	3 and 4	—	—	—	—
5 to 9	210	121	75	14	5 to 9	—	—	—	—
10 to 49	855	619	193	43	10 to 49	—	—	—	—
50 or more	214	126	79	9	50 or more	—	—	—	—
Mobile home or trailer	66	36	20	10	Mobile home or trailer	—	—	—	—
RENT ASKED	—	—	—	—	RENT ASKED	—	—	—	—
Specified vacant for sale only housing units	2 413	1 577	678	158	Specified vacant for rent housing units	—	—	—	—
Less than \$100	261	173	67	21	Less than \$100	—	—	—	—
\$100 to \$149	591	327	201	63	\$100 to \$149	—	—	—	—
\$150 to \$199	901	606	240	55	\$150 to \$199	—	—	—	—
\$200 to \$249	429	312	101	16	\$200 to \$249	—	—	—	—
\$250 to \$299	117	86	28	3	\$250 to \$299	—	—	—	—
\$300 to \$399	91	57	34	—	\$300 to \$399	—	—	—	—
\$400 or more	23	16	7	—	\$400 or more	—	—	—	—
Median	\$165	\$171	\$161	\$148	Median	—	—	—	—

Table B—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

**Springfield city**

Price asked—Specified vacant for sale only housing units

	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)
Total	420	42	116	146	107	9	35 700

PLUMBING FACILITIES

	Total	Less than 2 months	2 up to 6 months	6 or more months
Complete plumbing for exclusive use	420	42	116	146
Lacking complete plumbing for exclusive use	—	—	—	—

BEDROOMS

	Total	Less than 2 months	2 up to 6 months	6 or more months
None	—	—	—	—
1	25	20	5	—
2	113	22	65	26
3	233	—	29	113
4	36	—	17	7
5 or more	13	—	—	9

YEAR STRUCTURE BUILT

	Total	Less than 2 months	2 up to 6 months	6 or more months
1975 to March 1980	122	—	53	60
1970 to 1974	48	—	2	37
1960 to 1969	59	—	21	28
1950 to 1959	68	11	15	21
1940 to 1949	38	19	19	—
1939 or earlier	85	12	54	7

UNITS IN STRUCTURE

	Total	Less than 2 months	2 up to 6 months	6 or more months
1, detached or attached	420	42	116	146
2 or more	—	—	—	—
Mobile home or trailer	—	—	—	—

## Appendix A.—Area Classifications

REGIONS . . . . .	A-1
STATES . . . . .	A-1
PLACES . . . . .	A-1
Incorporated Places . . . . .	A-1
Census Designated Places . . . . .	A-1
STANDARD METROPOLITAN STATISTICAL AREAS . . . . .	A-1
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AREA MEASUREMENT . . . . .	A-2

### REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

### STATES

The 50 States and the District of Columbia are the constituent units of the United States.

### PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

#### Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

New England States, New York, and Wisconsin.

#### Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

### STANDARD METROPOLITAN STATISTICAL AREAS

#### Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for "Central Cities of SMSA's" are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

#### SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's,

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

### New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

### BOUNDARY CHANGES

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

### AREA MEASUREMENT

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.

## Appendix B.—Definitions and Explanations of Subject Characteristics

GENERAL . . . . .	B-1	Persons . . . . .	B-6	determinant for the responses was,
LIVING QUARTERS . . . . .	B-1	Rooms . . . . .	B-6	therefore, the questionnaire and its accom-
Housing Units . . . . .	B-1	Persons Per Room . . . . .	B-6	panying instruction guide. Furthermore,
Comparability With 1970		Bedrooms . . . . .	B-6	census takers were instructed, in their
Census Housing Unit Data . .	B-2	STRUCTURAL		telephone and personal-visit interviews, to
Group Quarters . . . . .	B-2	CHARACTERISTICS . . . . .	B-6	read the questions directly from the ques-
Comparability With 1970 Cen-	B-2	Year Structure Built . . . . .	B-6	tionnaire. The definitions and explanations
sus Group Quarters Data . . .	B-2	Units in Structure . . . . .	B-6	given below for each subject are drawn
Rules for Hotels, Room-	B-2	Stories in Structure . . . . .	B-6	largely from various technical and pro-
ing Houses, Etc. . . . .	B-2	Passenger Elevator . . . . .	B-6	cedural materials used in the collection of
Staff Living Quarters . . . . .	B-2	PLUMBING		the data. These materials helped the cen-
Year-Round Housing Units . .	B-2	CHARACTERISTICS . . . . .	B-6	sus interviewers to understand more fully
OCCUPANCY AND VACANCY		Plumbing Facilities . . . . .	B-6	the intent of each question, and thus to
CHARACTERISTICS . . . . .	B-2	Comparability With 1970		resolve problems or unusual cases in a
Occupied Housing Units . . .	B-2	Census Plumbing Facilities		manner consistent with this intent. Also in-
Householder . . . . .	B-2	Data . . . . .	B-6	cluded is certain explanatory information to
Child . . . . .	B-2	EQUIPMENT AND FUELS . . . . .	B-6	assist the user in the proper utilization of
Nonrelative . . . . .	B-3	Heating Equipment . . . . .	B-6	the statistics.
Age of Householder . . . . .	B-3	Comparability With 1970		
Household Type . . . . .	B-3	Census Heating Equipment		
Year Householder Moved		Data . . . . .	B-6	
Into Unit . . . . .	B-3	Air Conditioning . . . . .	B-7	
Vacant Housing Units . . . .	B-3	Vehicles Available . . . . .	B-7	
Vacancy Status . . . . .	B-3	Comparability With 1970		
Duration of Vacancy . . . .	B-3	Census Automobiles		
Tenure . . . . .	B-3	Available Data . . . . .	B-7	
Condominium Housing Units . .	B-3	Fuels Used for House Heating		
Comparability With 1970		and Water Heating . . . . .	B-7	
Census Condominium				
Housing Unit Data . . . . .	B-3	FINANCIAL		
Race of the Householder . . .	B-3	CHARACTERISTICS . . . . .	B-7	
Comparability Between Sam-		Value . . . . .	B-7	
ple and 100-Percent Data		Price Asked . . . . .	B-7	
for Race of the Householder .	B-4	Mortgage Status and Selected		
Comparability With 1970		Monthly Owner Costs . . . . .	B-7	
Census Data on Race of the	B-4	Mortgage Status and Selected		
Householder . . . . .	B-4	Monthly Owner Costs as a		
Spanish/Hispanic Origin of	B-5	Percentage of House-		
the Householder . . . . .	B-5	hold Income in 1979 . . . . .	B-7	
Limitations of the Data		Rent . . . . .	B-7	
on Householders of		Gross Rent as a Percentage		
Spanish/Hispanic Origin . .	B-5	of Household Income		
Comparability Between		in 1979 . . . . .	B-8	
Sample and 100-Percent		Household Income in 1979 . .	B-8	
Data on Householders of	B-5	Median Income . . . . .	B-8	
Spanish/Hispanic Origin . .	B-5	Comparability With 1970		
Comparability With 1970		Census Income Data . . . . .	B-8	
Census Data on House-		Poverty Status in 1979 . . . .	B-8	
holders of Spanish Origin				
and Householders of				
Spanish Heritage . . . . .				
UTILIZATION				
CHARACTERISTICS . . . . .	B-6			
<b>GENERAL</b>				
The 1980 census was conducted primarily				
through self-enumeration. The principal				

### LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

**Housing Units**—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

**Comparability With 1970 Census Housing Unit Data**—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

**Group Quarters**—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

**Comparability With 1970 Census Group Quarters Data**—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

**Rules for Hotels, Rooming Houses, Etc.**—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

**Staff Living Quarters**—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

**Year-Round Housing Units**—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

### OCCUPANCY AND VACANCY CHARACTERISTICS

**Occupied Housing Units**—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

**Householder**—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

**Child**—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.

**Nonrelative**—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

**Age of Householder**—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

**Household Type**—Statistics by age of householder are presented separately for the following household types:

*Married-couple families.* For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

*Male householder, no wife present.* This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

*Female householder, no husband present.* This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

**Year Householder Moved Into Unit**—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit he previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

**Vacant Housing Units**—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

**Vacancy Status**—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

*For sale only.* Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

*For rent.* Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

**Duration of Vacancy**—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

**Tenure**—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

**Condominium Housing Units**—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

**Comparability With 1970 Census Condominium Housing Unit Data**—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

**Race of the Householder**—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according

to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

**Comparability Between Sample and 100-Percent Data for Race of the Householder**—Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

**Comparability With 1970 Census Data on Race of the Householder**—Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race

category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

**Spanish/Hispanic Origin of the Householder**—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

**Limitations of the Data on Householders of Spanish/Hispanic Origin**—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "Persons of Spanish Origin by State: 1980."

**Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin**—The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

**Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage**—The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census Metropolitan Housing Characteristics reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the

category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

### UTILIZATION CHARACTERISTICS

**Persons**—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

**Rooms**—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

**Persons Per Room**—"Persons per room" is a derived measure obtained by dividing the

number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

**Bedrooms**—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

### STRUCTURAL CHARACTERISTICS

**Year Structure Built**—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

**Units in Structure**—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

**Stories in Structure**—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

**Passenger Elevator**—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

### PLUMBING CHARACTERISTICS

**Plumbing Facilities**—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

**Comparability With 1970 Census Plumbing Facilities Data**—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

### EQUIPMENT AND FUELS

**Heating Equipment**—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

**Comparability With 1970 Census Heating Equipment Data**—In 1970, central

## Appendix B.—Definitions and Explanations of Subject Characteristics

heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

**Air Conditioning**—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

**Vehicles Available**—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

**Comparability With 1970 Census Automobiles Available Data**—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

**Fuels Used for House Heating and Water Heating**—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

## FINANCIAL CHARACTERISTICS

**Value**—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

**Price Asked**—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

**Mortgage Status and Selected Monthly Owner Costs**—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

**Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979**—Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

**Rent**—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

**Contract Rent**. "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

**Gross Rent**. The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

**Rent Asked.** For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

**Gross Rent as a Percentage of Household Income in 1979**—Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

**Household Income in 1979**—Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

**Median Income**—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

**Comparability With 1970 Census Income Data**—In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

**Poverty Status in 1979**—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

## Appendix B.—Definitions and Explanations of Subject Characteristics

### Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years							
		None	1	2	3	4	5	6	7
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...
2 persons.....	4,723	4,723	...	...	...	...	...	...	...
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586
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## Appendix C.—General Enumeration and Processing Procedures

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### USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

### Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

### Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

### Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

### Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

### Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

### Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

### Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

### DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

### PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototype-setting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

## Appendix D.—Accuracy of the Data

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### INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

### SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

### ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex

operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

### Calculation of Standard Errors

**Totals and Percentages**—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- a. Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- b. Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- c. Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and non-sampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

**Differences**—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- a. For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- b. For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors  $Se_x$  and  $Se_y$  of estimates x and y:

$$Se_{(x+y)} = Se_{(x-y)} \doteq \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- c. For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

**Means**—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

**Medians**—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as  $N/2$ ). Treat  $N/2$  as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about  $N/2$ . Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about  $N/2$ . By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from

the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about  $N/2$ . Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

### Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

### Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

### ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

### PERSONS

#### Stage I—Type of Household

Group	Persons in Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit

#### Persons in Housing Units With a Family Without Own Children Under 18

6-10	2 persons in housing unit through 8 or more persons in housing unit
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#### Persons in All Other Housing Units

11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

17	Persons in group quarters
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	<b>Stage II—Householder/ Nonhouseholder</b>
<b>Group</b>	
1	Householder
2	Nonhouseholder (including persons in group quarters)
<b>Stage III—Age/Sex/Race/Spanish Origin</b>	
<b>Group</b>	<b>White Race</b>
	<b>Persons of Spanish Origin</b>
	<b>Male</b>
1	0 to 4 years of age
2	5 to 14 years of age
3	15 to 19 years of age
4	20 to 24 years of age
5	25 to 34 years of age
6	35 to 44 years of age
7	45 to 64 years of age
8	65 years of age or older
	<b>Female</b>
9-16	Same age categories as groups 1 to 8
	<b>Persons Not of Spanish Origin</b>
17-32	Same age and sex categories as groups 1 to 16
	<b>Black Race</b>
33-64	Same age-sex-Spanish origin categories as groups 1 to 32
	<b>Asian, Pacific Islander Race</b>
65-96	Same age-sex-Spanish origin categories as groups 1 to 32
	<b>American Indian, Eskimo, or Aleut Race</b>
97-128	Same age-sex-Spanish origin categories as groups 1 to 32
	<b>Other Race (includes those races not listed above)</b>
129-160	Same age-sex-Spanish origin categories as groups 1 to 32

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estima-

tion procedure. For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

## OCCUPIED HOUSING UNITS

### Stage I—Type of Household

<b>Group</b>	<b>Housing Units With a Family With Own Children Under 18</b>
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit

### Housing Units With a Family Without Own Children Under 18

6-10	2 persons in housing unit through 8 or more persons in housing unit
------	---

### All Other Housing Units

11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

### Stage II—Tenure/Race and Origin of Householder/Value or Rent

<b>Group</b>	<b>Owner</b>
	<b>White Race (householder)</b>
	<b>Persons of Spanish Origin (householder)</b>
	<b>Value of House</b>
1	\$0 to \$9,999
2	\$10,000 to \$19,999
3	\$20,000 to \$24,999
4	\$25,000 to \$49,999
5	\$50,000 to \$99,999
6	\$100,000 to \$149,999
7	\$150,000+
8	Other Owners

### Persons Not of Spanish Origin

9-16	Same value categories as groups 1 to 8	<i>Other Race (includes those races not listed above)</i>
17-32	<i>Black Race</i> Same value—Spanish origin categories as groups 1 to 16	169-190      Same rent—Spanish origin categories as groups 81 to 102
33-48	<i>Asian, Pacific Islander Race</i> Same value—Spanish origin categories as groups 1 to 16	<b>VACANT HOUSING UNITS</b>
49-64	<i>American Indian, Eskimo, or Aleut Race</i> Same value—Spanish origin categories as groups 1 to 16	<i>Group</i>
65-80	<i>Other Race (includes those races not listed above)</i> Same value—Spanish origin categories as groups 1 to 16	1 <i>Vacant for Rent</i> 2 <i>Vacant for Sale</i> 3 <i>Other Vacant</i>
81	<i>Renter</i>	The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete-count figures for the population and housing unit groups used in the estimation procedure.
82		
83		
84		
85		
86		
87		
88		
89		
90		
91		
92-102	<i>White Race</i> <i>Persons of Spanish Origin Rent Categories</i>	<b>CONTROL OF NONSAMPLING ERROR</b>
103-124	\$1 to \$59 \$60 to \$99 \$100 to \$149 \$150 to \$199 \$200 to \$249 \$250 to \$299 \$300 to \$399 \$400 to \$499 \$500+ Other Renter No Cash Rent	As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.
125-146	<i>Persons not of Spanish origin</i> Same rent categories as groups 81 to 91	
147-168	<i>Black Race</i> Same rent—Spanish origin categories as groups 81 to 102	
	<i>Asian, Pacific Islander Race</i> Same rent—Spanish origin categories as groups 81 to 102	
	<i>American Indian, Eskimo, or Aleut Race</i> Same rent—Spanish origin categories as groups 81 to 102	

**Undercoverage**—It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a precanvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

**Respondent and Enumerator Error**—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for

households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

**Processing Error**—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

**Nonresponse**—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either, at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

### EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

### ALLOCATION TABLES

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.

## Appendix D.—Accuracy of the Data

Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total <sup>1/</sup>	<sup>2/</sup> Size of publication area														
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000	
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350	350
75 000.....	-	-	-	-	-	-	310	510	570	590	610	610	610	610	610
100 000.....	-	-	-	-	-	-	-	550	630	670	700	700	700	700	710
250 000.....	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570	1 570	1 570
1 000 000.....	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190	2 190	2 190
5 000 000.....	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470	4 470	4 470
10 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480	5 480

<sup>1/</sup> For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

$\hat{Y}$  = Estimate of characteristic total

<sup>2/</sup> The total count of housing units in the area.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	<sup>1/</sup> Base of percentage													
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000	
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1	0.1
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1	0.1
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1	0.1
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1	0.1
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1	0.1
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1	0.1
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.1	0.1
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.1	0.1

<sup>1/</sup> For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5}{B} \hat{p}(1-\hat{p})}$$

B = Base of estimated percentage

$\hat{p}$  = Estimated percentage

Table C. Standard Error Adjustment Factors

(Percent of persons or housing units in sample)

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Household type.....	1.1	0.9	0.5
Age and sex of householder.....	1.0	1.0	0.5
Occupancy status.....	1.1	1.0	0.5
Vacant price asked and vacant rent asked..	1.1	0.9	0.5
Tenure.....	1.1	1.0	0.5
Units in structure.....	1.1	1.0	0.6
Stories in structure.....	1.0	0.9	0.4
Passenger elevator.....	0.9	0.9	0.5
Persons in unit.....	1.1	0.9	0.5
Year structure built.....	1.0	0.9	0.5
Year householder moved into housing unit.....	1.1	0.9	0.5
Heating equipment and fuel.....	1.2	1.0	0.5
Number of bedrooms.....	1.1	1.0	0.5
Rooms.....	1.1	0.9	0.5
Telephone in housing unit.....	1.1	0.9	0.5
Air conditioning.....	1.1	0.9	0.5
Vehicles available.....	1.1	0.9	0.5
Gross rent and contract rent.....	1.1	0.9	0.5
Gross rent as a percentage of household income in 1979.....	1.1	0.9	0.5
Mortgage status and selected monthly owner costs.....	1.1	0.9	0.5
Household income.....	1.1	0.9	0.5
Poverty status: Housing.....	1.1	0.9	0.5
Existence of complete plumbing for exclusive use with 1.01 persons per room or more.....	1.1	0.9	0.5
Value.....	1.0	1.0	0.5

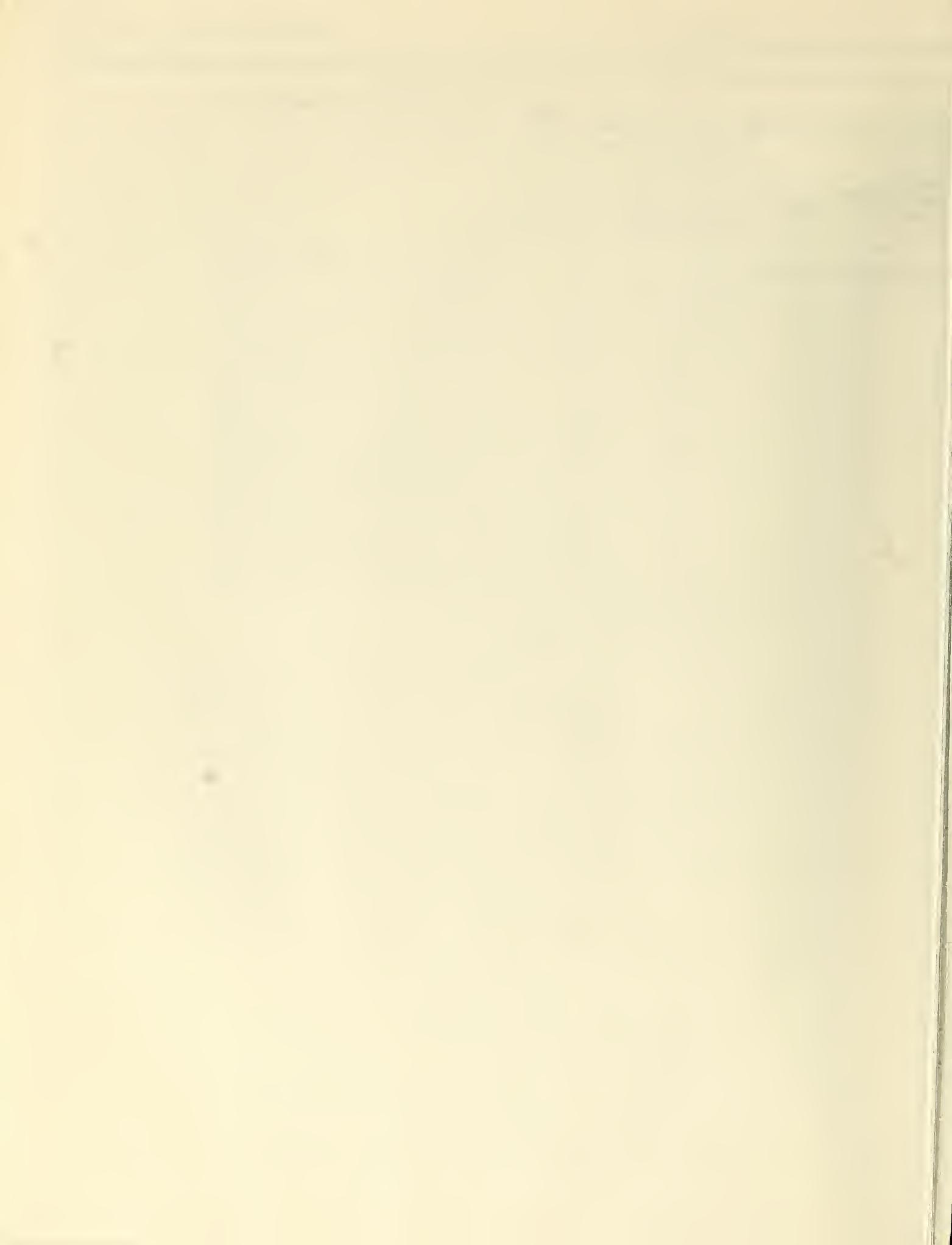
**Table D. Percent of Housing Units in Sample: 1980**

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and

**The SMSA  
Places of 50,000 or More and  
Central Cities of SMSA's****PLACES OF 50,000 OR MORE AND CENTRAL  
CITIES OF SMSA's**

Springfield city -----

Housing units		
	100-percent count	Percent in sample
The SMSA -----	83 547	17.8
PLACES OF 50,000 OR MORE AND CENTRAL CITIES OF SMSA's	56 078	16.0



## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

### INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.

2. Fill a circle to show how each person is related to the person in column 1.

A stepchild or legally adopted child of the person in column 1 should be marked Son/daughter. Foster children or wards living in the household should be marked Roomer, boarder.

3. Be sure to fill a circle for the sex of each person.

4. Fill the circle for the category with which the person most closely identifies. If you fill the Indian (American) or Other circle, be sure to print the name of the specific Indian tribe or specific group.

5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.

6. If the person's only marriage was annulled, mark Never married.

7. A person is of Spanish/Hispanic origin or descent if the person *identifies* his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.

8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A *public* school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.

9. Fill only one circle. Mark the highest grade ever attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for Nursery school.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark **Finished this grade (or year)** only if the person finished the *entire* grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

### INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. *This address* means the house or building number where your living quarters are located.

- H5. Mark the second circle only if you *must* go through someone else's living quarters to get to your own.

- H6. Consider that you have hot water even if you have it only part of the time.

Mark **Yes, but also used by another household** if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.

- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.

- H8. Mark **Owned or being bought** if the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.

Mark **Rented for cash rent** if any money rent is paid. Rent may be paid by persons who are not members of your household.

**Occupied without payment of cash rent** includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

- H9. A *condominium* is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.

- H10b. A *commercial establishment* is easily recognized from the outside, for example, a grocery store or barber shop. A *medical office* is a doctor's or dentist's office regularly visited by patients.

- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

- H12. Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

### INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

- H13. Mark only one circle.

*Detached* means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark A one-family house detached from any other house when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

- H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

- H15a. A city or suburban lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A place is a farm, ranch, or any other property, other than a city or suburban lot, on which this residence is located.

- H16. If a well provides water for six or more houses or apartments, mark A public system. If a well provides water for five or fewer houses or apartments, mark one of the categories for individual well.

Drilled wells, or small diameter wells, are usually less than 1½ feet in diameter. Dug wells are generally hand dug and are wider.

- H17. A public sewer is operated by a government body or a private organization. A septic tank or cesspool is an underground tank or pit used for disposal of sewage.

- H19. The term person in column 1 refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into this house or apartment.

- H20. This question refers to the type of heating equipment and not to the fuel used.

An electric heat pump is sometimes known as a reverse cycle

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A floor, wall, or pipeless furnace delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a portable room heater.

### INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

- H21. Gas from underground pipes is piped in from a central system such as one operated by a public utility company or a municipal government. Bottled, tank, or LP gas is stored in tanks which are refilled or exchanged when empty. Other fuel includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

- H22. If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly average for the past 12 months; for water and other fuels, the total amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ( ) the two utilities.

- H23. The kitchen sink, stove, and refrigerator must be located in the building but do not have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

- H26. Answer Yes only if the telephone is located in your living quarters.

- H27. Count only equipment used to cool the air by means of a refrigeration unit.

- H28—H29. Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do not count cars or trucks permanently out of working order.

- H30—H32. Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.

- H30. Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

- H31. When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

- H32a. The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

### INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

#### 11. For persons born in the United States:

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

#### For persons born outside the United States:

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (*not* Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

#### 12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has completed the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

#### 13a. Mark No, only speaks English if the person always speaks English at home; then skip to question 14.

Mark Yes if the person speaks a language other than English *at home*. Do not mark Yes for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

#### b. Print the non-English language spoken *at home*. If this person speaks two or more non-English languages *at home* and cannot determine which is spoken most often, report the first language the person learned to speak.

#### c. Fill the circle that best describes the person's *ability* to speak English.

- (1) The circle *Very well* should be filled for persons who have no difficulty speaking English.
- (2) The circle *Well* should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
- (3) The circle *Not well* should be filled for persons who are seriously limited in their ability to speak English.
- (4) The circle *Not at all* should be filled for persons who do not speak English at all.

#### 14. Print the ancestry group with which the person *identifies*. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

### INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

#### 15a. Mark Yes, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark No, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).

#### b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did not live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

Part (4) Mark Yes if you know that the location is *now* inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

#### 17a. Mark Yes only if this person was on *active duty* in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark No if the person was in the National Guard or the reserves.

#### b. Mark Yes if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark No if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

#### c. Mark Yes, full time if the person worked full time (35 hours or more per week). Mark Yes, part time if the person worked part time (less than 35 hours per week). Mark No if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

#### 18a. Mark Yes if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark Yes *only* if the person was ever called to active duty; mark No if the only service was active duty for training.

#### b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

#### 19. The term "health condition" refers to any physical or mental problem which has lasted for *6 or more* months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should *not* be considered a health condition.

#### 20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

### INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.
- 22a. Mark Yes if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

#### Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

#### Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

- b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.
23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.  
If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.  
If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.
- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.
- b. Mark Worked at home for a person who works on a farm where he or she lives, or in an office or shop in the person's home.
- c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark Drive alone.
- d. Do not include riders who rode to school or some other non-work destination.
25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark No.

- 26a. Mark Yes if the person tried to get a job or to start a business or professional practice at any time in the last *four weeks*; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

- b. Mark No, already has a job if the person was on layoff or was expecting to report to a job within 30 days.

Mark No, temporarily ill if the person expects to be able to work within 30 days.

Mark No, other reasons if the person could not have taken a job because he or she was going to school, taking care of children, etc.

### INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark Never worked if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm and (3) never served in the Armed Forces.
- 28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

- b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

#### Unacceptable

Furniture company

Grocery store

Oil company

Ranch

#### Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

- c. Mark Manufacturing if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark Wholesale trade if the business mostly sells things to stores or other companies.

Mark Retail trade if the business mostly sells things (not services) to individuals.

Mark Other if the main activity of the employer is not making or selling things. Some examples of Other are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

- 29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

#### Unacceptable

Clerk

Helper

Mechanic

Nurse

#### Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

- b. Print the most important things that the person does on the job. Some examples are shown on the census form.

### INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle:

Mark Local government employee for a teacher working in an elementary or secondary public school.

- 31a. Look at the instructions for question 22a to see what to count as work.

- b. Count every week in which the person did any work at all, even for an hour.

- c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

- d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark No for the other person, unless the other person has additional income of the same type.

- a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

- b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

- c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

- d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

- e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

- f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

- g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the None circle. If total income was a loss, write "Loss" above the amount.

Please fill out this  
official Census Form  
and mail it back on  
Census Day,  
Tuesday, April 1, 1980

# 1980 Census of the United States

If the address shown below has the wrong apartment identification,  
please write the correct apartment number or location here:

DO      A1      A2      A4      A5      L      A6

## Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

## Para personas de habla hispana

(For Spanish-speaking persons):

SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL  
llame a la oficina del censo. El número de teléfono se encuentra en  
el encasillado de la dirección.

O, si prefiere, marque esta casilla  y devuelva el cuestionario  
por correo en el sobre que se le incluye.

A message from the Director,  
Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

# How to fill out your Census Form

Page 1

**See the filled-out example in the yellow instruction guide. This guide will help with any problems you may have.**

If you need more help, call the Census Office  
The telephone number of the local office is  
shown at the bottom of the address box on the  
front cover

**Use** a black pencil to answer the questions. Black pencil is better to use than ballpoint or other pens.

Fill circles "O" completely, like this ●

When you write in an answer, print or write clearly

**Make** sure that answers are provided for everyone here

See page 4 of the guide if a roomer or someone else in the household does not want to give you all the information for the form

**Answer** the questions on pages 1 through 5, and then starting with pages 6 and 7, fill a pair of pages for each person in the household

Check your answers. Then write your name, the date, and telephone number on page 20.

**Mail back this form on Tuesday, April 1, or as soon afterward as you can. Use the enclosed envelope. no stamp is needed**

**Please** start by answering Question 1 below

## Question 1

### List in Question 1

- Family members living here, including babies still in the hospital
  - Relatives living here
  - Lodgers or boarders living here
  - Other persons living here
  - College students who stay here while attending college, even if their parents live elsewhere
  - Persons who usually live here but are temporarily away (including children in boarding school below the college level)
  - Persons with a home elsewhere but who stay here most of the week while working

**1. What is the name of each person who was living here on Tuesday, April 1, 1980, or who was staying or visiting here and had no other home?**

### Note

If everyone here is staying only temporarily and has a usual home elsewhere, please mark this box .

Then please.

- answer the questions on pages 2 through 5 only, and
  - enter the address of your usual home on page 20.

Please continue →

# Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 2

→ ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

<b>Here are the QUESTIONS</b> <p style="text-align: center;">↓</p>	<b>These are the columns for ANSWERS</b> <p style="text-align: center;">→</p> <p>Please fill one column for each person listed in Question 1.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">PERSON in column 1</th> <th style="width: 50%;">PERSON in column 2</th> </tr> </thead> <tbody> <tr> <td>Last name</td> <td>Last name</td> </tr> <tr> <td>First name</td> <td>Middle initial</td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>		PERSON in column 1	PERSON in column 2	Last name	Last name	First name	Middle initial																
PERSON in column 1	PERSON in column 2																								
Last name	Last name																								
First name	Middle initial																								
<b>2. How is this person related to the person in column 1?</b> <p>Fill one circle.</p> <p>If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.</p>		<p><b>START</b> in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.</p> <p>If relative of person in column 1:</p> <ul style="list-style-type: none"> <li><input type="radio"/> Husband/wife      <input type="radio"/> Father/mother</li> <li><input type="radio"/> Son/daughter      <input type="radio"/> Other relative</li> <li><input type="radio"/> Brother/sister</li> </ul> <p>If not related to person in column 1:</p> <ul style="list-style-type: none"> <li><input type="radio"/> Roomer, boarder      <input type="radio"/> Other nonrelative</li> <li><input type="radio"/> Partner, roommate</li> <li><input type="radio"/> Paid employee</li> </ul>																							
<b>3. Sex</b> Fill one circle.		<input type="radio"/> Male <input checked="" type="checkbox"/> <input type="radio"/> Female																							
<b>4. Is this person —</b> <p>Fill one circle.</p>		<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) <i>Print tribe</i> →																							
<b>5. Age, and month and year of birth</b> <p>a. Print age at last birthday.  b. Print month and fill one circle.  c. Print year in the spaces, and fill one circle below each number.</p>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">a. Age at last birthday</td> <td style="width: 50%; text-align: center;">c. Year of birth</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">1 0 0 0 0 0 0 0 0 0 0 0</td> </tr> <tr> <td style="text-align: center;">1    <input checked="" type="radio"/> 8    <input type="radio"/> 0    <input type="radio"/> 0    <input type="radio"/> 0    <input type="radio"/> 0</td> <td style="text-align: center;">9    <input type="radio"/> 1    <input type="radio"/> 0    <input type="radio"/> 1    <input type="radio"/> 0    <input type="radio"/> 0</td> </tr> <tr> <td style="text-align: center;">b. Month of birth</td> <td style="text-align: center;">2    <input type="radio"/> 2    <input type="radio"/> 0    <input type="radio"/> 0</td> </tr> <tr> <td></td> <td style="text-align: center;">3    <input type="radio"/> 3    <input type="radio"/> 0</td> </tr> <tr> <td></td> <td style="text-align: center;">4    <input type="radio"/> 4    <input type="radio"/> 0</td> </tr> <tr> <td></td> <td style="text-align: center;">5    <input type="radio"/> 5    <input type="radio"/> 0</td> </tr> <tr> <td></td> <td style="text-align: center;">6    <input type="radio"/> 6    <input type="radio"/> 0</td> </tr> <tr> <td></td> <td style="text-align: center;">7    <input type="radio"/> 7    <input type="radio"/> 0</td> </tr> <tr> <td></td> <td style="text-align: center;">8    <input type="radio"/> 8    <input type="radio"/> 0</td> </tr> <tr> <td></td> <td style="text-align: center;">9    <input type="radio"/> 9    <input type="radio"/> 0</td> </tr> </table> <p><input type="radio"/> Jan.—Mar.  <input type="radio"/> Apr.—June  <input type="radio"/> July—Sept.  <input type="radio"/> Oct.—Dec.</p>		a. Age at last birthday	c. Year of birth	1	1 0 0 0 0 0 0 0 0 0 0 0	1 <input checked="" type="radio"/> 8 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 0	9 <input type="radio"/> 1 <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 0 <input type="radio"/> 0	b. Month of birth	2 <input type="radio"/> 2 <input type="radio"/> 0 <input type="radio"/> 0		3 <input type="radio"/> 3 <input type="radio"/> 0		4 <input type="radio"/> 4 <input type="radio"/> 0		5 <input type="radio"/> 5 <input type="radio"/> 0		6 <input type="radio"/> 6 <input type="radio"/> 0		7 <input type="radio"/> 7 <input type="radio"/> 0		8 <input type="radio"/> 8 <input type="radio"/> 0		9 <input type="radio"/> 9 <input type="radio"/> 0
a. Age at last birthday	c. Year of birth																								
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1 <input checked="" type="radio"/> 8 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 0	9 <input type="radio"/> 1 <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 0 <input type="radio"/> 0																								
b. Month of birth	2 <input type="radio"/> 2 <input type="radio"/> 0 <input type="radio"/> 0																								
	3 <input type="radio"/> 3 <input type="radio"/> 0																								
	4 <input type="radio"/> 4 <input type="radio"/> 0																								
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	8 <input type="radio"/> 8 <input type="radio"/> 0																								
	9 <input type="radio"/> 9 <input type="radio"/> 0																								
<b>6. Marital status</b> <p>Fill one circle.</p>		<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced																							
<b>7. Is this person of Spanish/Hispanic origin or descent?</b> <p>Fill one circle.</p>		<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input checked="" type="checkbox"/> <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic																							
<b>8. Since February 1, 1980, has this person attended regular school or college at any time? Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.</b>		<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related																							
<b>9. What is the highest grade (or year) of regular school this person has ever attended?</b> <p>Fill one circle.</p> <p>If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."</p>		<p>Highest grade attended:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"><u>Nursery school</u></td> <td style="width: 50%; text-align: center;"><u>Kindergarten</u></td> </tr> <tr> <td colspan="2" style="text-align: center;">Elementary through high school (grade or year)</td> </tr> <tr> <td style="text-align: center;">1 2 3 4 5 6 7 8 9 10 11 12</td> <td style="text-align: center;">1 2 3 4 5 6 7 8 9 10 11 12</td> </tr> <tr> <td style="text-align: center;"><input type="radio"/> <input type="radio"/></td> <td style="text-align: center;"><input type="radio"/> <input type="radio"/></td> </tr> <tr> <td colspan="2" style="text-align: center;">College (academic year)      <input checked="" type="checkbox"/></td> </tr> <tr> <td colspan="2" style="text-align: center;">1 2 3 4 5 6 7 8 or more</td> </tr> <tr> <td colspan="2" style="text-align: center;"><input type="radio"/> <input type="radio"/></td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Never attended school — Skip question 10</u></td> </tr> </table>		<u>Nursery school</u>	<u>Kindergarten</u>	Elementary through high school (grade or year)		1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 4 5 6 7 8 9 10 11 12	<input type="radio"/>	<input type="radio"/>	College (academic year) <input checked="" type="checkbox"/>		1 2 3 4 5 6 7 8 or more		<input type="radio"/>		<u>Never attended school — Skip question 10</u>							
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1 2 3 4 5 6 7 8 or more																									
<input type="radio"/>																									
<u>Never attended school — Skip question 10</u>																									
<b>10. Did this person finish the highest grade (or year) attended?</b> <p>Fill one circle.</p>		<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)																							
<b>CENSUS USE ONLY</b>		<b>A.    ○ I    ○ N    ○ O</b>																							
<b>CENSUS USE ONLY</b>		<b>A.    ○ I    ○ N    ○ O</b>																							

**Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages**

Page 3

<b>PERSON in column 7</b>		
Last name		
First name	Middle initial	
If relative of person in column 1:		
<input type="radio"/> Husband/wife	<input type="radio"/> Father/mother	
<input type="radio"/> Son/daughter	<input type="radio"/> Other relative	
<input type="radio"/> Brother/sister		
If not related to person in column 1:		
<input type="radio"/> Roomer, boarder	<input type="radio"/> Other nonrelative	
<input type="radio"/> Partner, roommate		
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<input type="radio"/> Male	<input checked="" type="checkbox"/>	<input type="radio"/> Female
<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <i>Print tribe</i> →		
a. Age at last birthday	c. Year of birth	
<input type="checkbox"/>	1	
1 <input checked="" type="radio"/> 8 <input type="radio"/> 6 <input type="radio"/> 10 <input type="radio"/> 1	1 <input type="radio"/> 9 <input type="radio"/> 10 <input type="radio"/> 11 <input type="radio"/> 12	
b. Month of birth		
<input type="checkbox"/>	2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> 10 <input type="radio"/> 11 <input type="radio"/> 12	
<input type="radio"/> Jan.—Mar.	2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> 10 <input type="radio"/> 11 <input type="radio"/> 12	
<input type="radio"/> Apr.—June	3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> 10 <input type="radio"/> 11 <input type="radio"/> 12	
<input type="radio"/> July—Sept.	4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> 10 <input type="radio"/> 11 <input type="radio"/> 12	
<input type="radio"/> Oct.—Dec.	5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> 10 <input type="radio"/> 11 <input type="radio"/> 12	
<input type="radio"/> Now married	<input type="radio"/> Separated	
<input type="radio"/> Widowed	<input type="radio"/> Never married	
<input type="radio"/> Divorced		
<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input checked="" type="checkbox"/> <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic		
<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related		
Highest grade attended:		
<input type="radio"/> Nursery school	<input type="radio"/> Kindergarten	
Elementary through high school (grade or year)		
1    2    3    4    5    6    7    8    9    10    11    12	<input type="radio"/>	
College (academic year) <input checked="" type="checkbox"/>		
1    2    3    4    5    6    7    8 or more	<input type="radio"/>	
<input type="radio"/> Never attended school—Skip question 10		
<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)		
CENSUS USE ONLY	A. <input type="radio"/> <input type="checkbox"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	

→ **NOW PLEASE ANSWER QUESTIONS H1—H12 FOR YOUR HOUSEHOLD**

If you listed more than 7 persons in Question 1, please see note on page 20.

- H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?
- Yes — On page 20 give name(s) and reason left out.  
 No
- H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?
- Yes — On page 20 give name(s) and reason person is away.  
 No
- H3. Is anyone visiting here who is not already listed?
- Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker.  
 No
- H4. How many living quarters, occupied and vacant, are at this address?
- One        
 2 apartments or living quarters  
 3 apartments or living quarters  
 4 apartments or living quarters  
 5 apartments or living quarters  
 6 apartments or living quarters  
 7 apartments or living quarters  
 8 apartments or living quarters  
 9 apartments or living quarters  
 10 or more apartments or living quarters  
 This is a mobile home or trailer
- H5. Do you enter your living quarters —
- Directly from the outside or through a common or public hall?  
 Through someone else's living quarters?
- H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?
- Yes, for this household only  
 Yes, but also used by another household  
 No, have some but not all plumbing facilities  
 No plumbing facilities in living quarters
- H7. How many rooms do you have in your living quarters?  
*Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.*
- 1 room        
 2 rooms       5 rooms       8 rooms  
 3 rooms       6 rooms       9 or more rooms
- H8. Are your living quarters —
- Owned or being bought by you or by someone else in this household?  
 Rented for cash rent?  
 Occupied without payment of cash rent?

H9. Is this apartment (house) part of a condominium?

No  
 Yes, a condominium

H10. If this is a one-family house —

a. Is the house on a property of 10 or more acres?

Yes             No

b. Is any part of the property used as a commercial establishment or medical office?

Yes       No

H11. If you live in a one-family house or a condominium unit which you own or are buying —

What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?

*Do not answer this question if this is —*

A mobile home or trailer  
 A house on 10 or more acres  
 A house with a commercial establishment or medical office on the property

- Less than \$10,000       \$50,000 to \$54,999  
 \$10,000 to \$14,999       \$55,000 to \$59,999  
 \$15,000 to \$17,499       \$60,000 to \$64,999  
 \$17,500 to \$19,999       \$65,000 to \$69,999  
 \$20,000 to \$22,499       \$70,000 to \$74,999  
 \$22,500 to \$24,999        
 \$25,000 to \$27,499       \$80,000 to \$89,999  
 \$27,500 to \$29,999       \$90,000 to \$99,999  
 \$30,000 to \$34,999       \$100,000 to \$124,999  
 \$35,000 to \$39,999       \$125,000 to \$149,999  
 \$40,000 to \$44,999       \$150,000 to \$199,999  
 \$45,000 to \$49,999       \$200,000 or more

H12. If you pay rent for your living quarters —

What is the monthly rent?

If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.

- Less than \$50       \$160 to \$169  
 \$50 to \$59       \$170 to \$179  
 \$60 to \$69       \$180 to \$189  
 \$70 to \$79       \$190 to \$199  
 \$80 to \$89       \$200 to \$224  
 \$90 to \$99        
 \$100 to \$109       \$250 to \$274  
 \$110 to \$119       \$275 to \$299  
 \$120 to \$129       \$300 to \$349  
 \$130 to \$139       \$350 to \$399  
 \$140 to \$149       \$400 to \$499  
 \$150 to \$159       \$500 or more

**FOR CENSUS USE ONLY**

A4. Block number	A6. Serial number	B. Type of unit or quarters	For vacant units	D. Months vacant	F. Total persons
0 0 0	0 0 0 0	<u>Occupied</u>	C1. Is this unit for —	<input type="radio"/> Less than 1 month	<input type="radio"/> <input type="radio"/> <input type="radio"/>
I I I	I I I I	<input type="radio"/> First form	<input type="radio"/> Year round use		
2 2 2	2 2 2 2	<input type="radio"/> Continuation	<input type="radio"/> Seasonal/Mig. — <i>Skip C2, C3, and D.</i>		
3 3 3	3 3 3 3	<u>Vacant</u>	<input type="radio"/> 2 up to 6 months		
4 4 4	4 4 4 4	<input type="radio"/> Regular	<input type="radio"/> 6 up to 12 months		
5 5 5	5 5 5 5	<input type="radio"/> Usual home elsewhere	<input type="radio"/> 1 year up to 2 years		
6 6 6	6 6 6 6	<u>Group quarters</u>	<input type="radio"/> 2 or more years		
7 7 7	7 7 7 7	<input type="radio"/> First form	<input type="radio"/> Other vacant		
8 8 8	8 8 8 8	<input type="radio"/> Continuation	<input type="radio"/> Held for occasional use		
9 9 9	9 9 9 9		<input type="radio"/> Other vacant		
		C3. Is this unit boarded up?	<input type="radio"/> Yes <input type="radio"/> No		
		E. Indicators			
		1. <input type="radio"/> <input type="radio"/> Mail return			
		2. <input type="radio"/> <input type="radio"/> Pop./F			

# Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 4

**ALSO ANSWER THESE QUESTIONS**

<p><b>H13. Which best describes this building?</b> Include all apartments, flats, etc., even if vacant.</p> <ul style="list-style-type: none"> <li><input type="radio"/> A mobile home or trailer</li> <li><input type="radio"/> A one-family house detached from any other house</li> <li><input type="radio"/> A one-family house attached to one or more houses</li> <li><input type="radio"/> A building for 2 families</li> <li><input type="radio"/> A building for 3 or 4 families</li> <li><input type="radio"/> A building for 5 to 9 families</li> <li><input type="radio"/> A building for 10 to 19 families</li> <li><input type="radio"/> A building for 20 to 49 families</li> <li><input type="radio"/> A building for 50 or more families</li> <li><input type="radio"/> A boat, tent, van, etc.</li> </ul> <p><b>H14a. How many stories (floors) are in this building?</b> Count an attic or basement as a story if it has any finished rooms for living purposes.</p> <ul style="list-style-type: none"> <li><input type="radio"/> 1 to 3 — Skip to H15</li> <li><input type="radio"/> 7 to 12</li> <li><input type="radio"/> 4 to 6</li> <li><input type="radio"/> 13 or more stories</li> </ul> <p><b>b. Is there a passenger elevator in this building?</b></p> <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input type="radio"/> No</li> </ul> <p><b>H15a. Is this building —</b></p> <ul style="list-style-type: none"> <li><input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — Skip to H16</li> <li><input type="radio"/> On a place of 1 to 9 acres?</li> <li><input type="radio"/> On a place of 10 or more acres?</li> </ul> <p><b>b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to —</b></p> <ul style="list-style-type: none"> <li><input type="radio"/> Less than \$50 (or None)</li> <li><input type="radio"/> \$250 to \$599</li> <li><input type="radio"/> \$1,000 to \$2,499</li> <li><input type="radio"/> \$50 to \$249</li> <li><input checked="" type="radio"/> \$600 to \$999</li> <li><input type="radio"/> \$2,500 or more</li> </ul> <p><b>H16. Do you get water from —</b></p> <ul style="list-style-type: none"> <li><input type="radio"/> A public system (city water department, etc.) or private company?</li> <li><input type="radio"/> An individual drilled well?</li> <li><input type="radio"/> An individual dug well?</li> <li><input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</li> </ul> <p><b>H17. Is this building connected to a public sewer?</b></p> <ul style="list-style-type: none"> <li><input type="radio"/> Yes, connected to public sewer</li> <li><input type="radio"/> No, connected to septic tank or cesspool</li> <li><input type="radio"/> No, use other means</li> </ul> <p><b>H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</b></p> <ul style="list-style-type: none"> <li><input type="radio"/> 1979 or 1980</li> <li><input type="radio"/> 1960 to 1969</li> <li><input type="radio"/> 1940 to 1949</li> <li><input type="radio"/> 1975 to 1978</li> <li><input type="radio"/> 1950 to 1959</li> <li><input type="radio"/> 1939 or earlier</li> <li><input type="radio"/> 1970 to 1974</li> </ul> <p><b>H19. When did the person listed in column 1 move into this house (or apartment)?</b></p> <ul style="list-style-type: none"> <li><input type="radio"/> 1979 or 1980</li> <li><input type="radio"/> 1950 to 1959</li> <li><input type="radio"/> 1975 to 1978</li> <li><input type="radio"/> 1949 or earlier</li> <li><input type="radio"/> 1970 to 1974</li> <li><input type="radio"/> Always lived here</li> <li><input type="radio"/> 1960 to 1969</li> </ul> <p><b>H20. How are your living quarters heated?</b> Fill one circle for the kind of heat used most.</p> <ul style="list-style-type: none"> <li><input type="radio"/> Steam or hot water system</li> <li><input type="radio"/> Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here)</li> <li><input type="radio"/> Electric heat pump</li> <li><input type="radio"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboard)</li> <li><input checked="" type="radio"/> Floor, wall, or pipeless furnace</li> <li><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</li> <li><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</li> <li><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</li> <li><input type="radio"/> No heating equipment</li> </ul>	<p><b>H21a. Which fuel is used most for house heating?</b></p> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input checked="" type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul> <p><b>b. Which fuel is used most for water heating?</b></p> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input checked="" type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul> <p><b>c. Which fuel is used most for cooking?</b></p> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input checked="" type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul> <p><b>H22. What are the costs of utilities and fuels for your living quarters?</b></p> <p>a. Electricity</p> <table style="margin-left: 100px;"> <tr> <td>\$</td> <td>.00</td> <td>OR</td> <td><input type="radio"/> Included in rent or no charge</td> </tr> <tr> <td colspan="2"></td> <td>Average monthly cost</td> <td><input type="radio"/> Electricity not used</td> </tr> </table> <p>b. Gas</p> <table style="margin-left: 100px;"> <tr> <td>\$</td> <td>.00</td> <td>OR</td> <td><input type="radio"/> Included in rent or no charge</td> </tr> <tr> <td colspan="2"></td> <td>Average monthly cost</td> <td><input type="radio"/> Gas not used</td> </tr> </table> <p>c. Water</p> <table style="margin-left: 100px;"> <tr> <td>\$</td> <td>.00</td> <td>OR</td> <td><input type="radio"/> Included in rent or no charge</td> </tr> <tr> <td colspan="2"></td> <td>Yearly cost</td> <td></td> </tr> </table> <p>d. Oil, coal, kerosene, wood, etc.</p> <table style="margin-left: 100px;"> <tr> <td>\$</td> <td>.00</td> <td>OR</td> <td><input type="radio"/> Included in rent or no charge</td> </tr> <tr> <td colspan="2"></td> <td>Yearly cost</td> <td><input type="radio"/> These fuels not used</td> </tr> </table> <p><b>H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.</b></p> <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input checked="" type="radio"/> No</li> </ul> <p><b>H24. How many bedrooms do you have?</b> Count rooms used mainly for sleeping even if used also for other purposes.</p> <ul style="list-style-type: none"> <li><input type="radio"/> No bedroom</li> <li><input type="radio"/> 2 bedrooms</li> <li><input type="radio"/> 4 bedrooms</li> <li><input type="radio"/> 1 bedroom</li> <li><input type="radio"/> 3 bedrooms</li> <li><input type="radio"/> 5 or more bedrooms</li> </ul> <p><b>H25. How many bathrooms do you have?</b> A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water. A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</p> <ul style="list-style-type: none"> <li><input type="radio"/> No bathroom, or only a half bathroom</li> <li><input type="radio"/> 1 complete bathroom</li> <li><input type="radio"/> 1 complete bathroom, plus half bath(s)</li> <li><input type="radio"/> 2 or more complete bathrooms</li> </ul> <p><b>H26. Do you have a telephone in your living quarters?</b></p> <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input checked="" type="radio"/> No</li> </ul> <p><b>H27. Do you have air conditioning?</b></p> <ul style="list-style-type: none"> <li><input type="radio"/> Yes, a central air-conditioning system</li> <li><input type="radio"/> Yes, 1 individual room unit</li> <li><input type="radio"/> Yes, 2 or more individual room units</li> <li><input type="radio"/> No</li> </ul> <p><b>H28. How many automobiles are kept at home for use by members of your household?</b></p> <ul style="list-style-type: none"> <li><input type="radio"/> None</li> <li><input checked="" type="radio"/> 2 automobiles</li> <li><input type="radio"/> 1 automobile</li> <li><input type="radio"/> 3 or more automobiles</li> </ul> <p><b>H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?</b></p> <ul style="list-style-type: none"> <li><input type="radio"/> None</li> <li><input type="radio"/> 2 vans or trucks</li> <li><input type="radio"/> 1 van or truck</li> <li><input type="radio"/> 3 or more vans or trucks</li> </ul>	\$	.00	OR	<input type="radio"/> Included in rent or no charge			Average monthly cost	<input type="radio"/> Electricity not used	\$	.00	OR	<input type="radio"/> Included in rent or no charge			Average monthly cost	<input type="radio"/> Gas not used	\$	.00	OR	<input type="radio"/> Included in rent or no charge			Yearly cost		\$	.00	OR	<input type="radio"/> Included in rent or no charge			Yearly cost	<input type="radio"/> These fuels not used																																																																																																																																																																																																																																																																																																																																						
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## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

### FOR YOUR HOUSEHOLD

Please answer H30–H32 if you live in a one-family house which you own or are buying, unless this is —

- A mobile home or trailer .....
- A house on 10 or more acres .....
- A condominium unit .....
- A house with a commercial establishment or medical office on the property .....

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

Page 5

**H30. What were the real estate taxes on this property last year?**

\$ .00 OR  None

**H31. What is the annual premium for fire and hazard insurance on this property?**

\$ .00 OR  None

**H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?**

- Yes, mortgage, deed of trust, or similar debt
- Yes, contract to purchase
- No — Skip to page 6

**b. Do you have a second or junior mortgage on this property?**

- Yes
- No

**c. How much is your total regular monthly payment to the lender?**

Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$ .00 OR  No regular payment required — Skip to page 6

**d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?**

- Yes, taxes included in payment
- No, taxes paid separately or taxes not required

**e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?**

- Yes, insurance included in payment
- No, insurance paid separately or no insurance

**Please turn to page 6**

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(1)	2.	4.	(2)	2.	4.	(3)	2.	4.
S.S.	○ ○	○ ○ ○	S.S.	○ ○	○ ○ ○	S.S.	○ ○	○ ○ ○
I	I	I I I	I	I	I I I	I	I	I I I
2	2	2 2 2	2	2	2 2 2	2	2	2 2 2
Yes	3	3 3 3	Yes	3	3 3 3	Yes	3	3 3 3
4	4 4 4	4 4 4	4	4 4 4	4 4 4	4	4 4 4	4 4 4
O	5	5 5 5	O	5	5 5 5	O	5	5 5 5
5	5 5 5	5 5 5	5	5 5 5	5 5 5	5	5 5 5	5 5 5
No	2	2 2 2	No	2	2 2 2	No	2	2 2 2
O	8	8 8 8	O	8	8 8 8	O	8	8 8 8
9	9 9 9	9 9 9	9	9 9 9	9 9 9	9	9 9 9	9 9 9
(4)	2. <input checked="" type="checkbox"/>	4.	(5)	2. <input checked="" type="checkbox"/>	4.	(6)	2. <input checked="" type="checkbox"/>	4.
S.S.	○ ○	○ ○ ○	S.S.	○ ○	○ ○ ○	S.S.	○ ○	○ ○ ○
I	I	I I I	I	I	I I I	I	I	I I I
2	2	2 2 2	2	2	2 2 2	2	2	2 2 2
Yes	3	3 3 3	Yes	3	3 3 3	Yes	3	3 3 3
4	4 4 4	4 4 4	4	4 4 4	4 4 4	4	4 4 4	4 4 4
O	5	5 5 5	O	5	5 5 5	O	5	5 5 5
5	5 5 5	5 5 5	5	5 5 5	5 5 5	5	5 5 5	5 5 5
No	2	2 2 2	No	2	2 2 2	No	2	2 2 2
O	8	8 8 8	O	8	8 8 8	O	8	8 8 8
9	9 9 9	9 9 9	9	9 9 9	9 9 9	9	9 9 9	9 9 9
(7)	2. <input checked="" type="checkbox"/>	4.	GQ. <input checked="" type="checkbox"/>	H30.	H31. <input checked="" type="checkbox"/>	H32c.		
S.S.	○ ○	○ ○ ○	○ ○	○ ○ ○ ○	○ ○ ○	○ ○ ○	○ ○ ○ ○	○ ○ ○ ○
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Yes	3	3 3 3	3	3 3 3 3	3 3 3	3 3 3	3 3 3 3	3 3 3 3
4	4 4 4	4 4 4	4	4 4 4 4	4 4 4	4	4 4 4 4	4 4 4 4
O	5	5 5 5	5	5 5 5 5	5 5 5	5	5 5 5 5	5 5 5 5
5	5 5 5	5 5 5	5	5 5 5 5	5 5 5	5	5 5 5 5	5 5 5 5
6	6 6 6	6 6 6	6	6 6 6 6	6 6 6	6	6 6 6 6	6 6 6 6
No	2	2 2 2	2	2 2 2 2	2 2 2	2	2 2 2 2	2 2 2 2
O	8	8 8 8	8	8 8 8 8	8 8 8	8	8 8 8 8	8 8 8 8
9	9 9 9	9 9 9	9	9 9 9 9	9 9 9	9	9 9 9 9	9 9 9 9

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## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 6

Name of Person 1 on page 2:  Last name _____ First name _____ Middle initial _____	16. When was this person born?  <input type="radio"/> Born before April 1965 — Please go on with questions 17-33  <input checked="" type="checkbox"/> Born April 1965 or later — Turn to next page for next person
11. In what State or foreign country was this person born?  Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State.	17. In April 1975 (five years ago) was this person —  a. On active duty in the Armed Forces? <input type="radio"/> Yes <input type="radio"/> No  b. Attending college? <input type="radio"/> Yes <input type="radio"/> No  c. Working at a job or business? <input type="radio"/> Yes, full time <input type="radio"/> No <input type="radio"/> Yes, part time
Name of State or foreign country; or Puerto Rico, Guam, etc.  12. If this person was born in a foreign country — a. Is this person a naturalized citizen of the United States?  <input type="radio"/> Yes, a naturalized citizen <input type="radio"/> No, not a citizen <input checked="" type="checkbox"/> Born abroad of American parents	18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States?  If service was in National Guard or Reserves only, see instruction guide.  <input type="radio"/> Yes <input type="radio"/> No — Skip to 19
b. When did this person come to the United States to stay?  <input type="radio"/> 1975 to 1980 <input type="radio"/> 1965 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1964 <input type="radio"/> Before 1950	b. Was active-duty military service during — Fill a circle for each period in which this person served.  <input type="radio"/> May 1975 or later <input type="radio"/> Vietnam era (August 1964—April 1975) <input type="radio"/> February 1955—July 1964 <input type="radio"/> Korean conflict (June 1950—January 1955) <input type="radio"/> World War II (September 1940—July 1947) <input type="radio"/> World War I (April 1917—November 1918) <input type="radio"/> Any other time
13a. Does this person speak a language other than English at home?  <input checked="" type="checkbox"/> Yes <input type="radio"/> No, only speaks English — Skip to 14	19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which . . .  a. Limits the kind or amount Yes      No of work this person can do at a job? . . . . . <input type="radio"/> Yes <input type="radio"/> No b. Prevents this person from working at a job? <input type="radio"/> Yes <input type="radio"/> No c. Limits or prevents this person from using public transportation? <input type="radio"/> Yes <input type="radio"/> No
14. What is this person's ancestry? If uncertain about how to report ancestry, see instruction guide.  (For example: Afro-American, English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)	20. If this person is a female — None      1      2      3      4      5      6 How many babies has she ever had, not counting stillbirths? <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 Do not count her stepchildren      7      8      9      10      11      12 or more or children she has adopted. <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6
15a. Did this person live in this house five years ago (April 1, 1975)?  If in college or Armed Forces in April 1975, report place of residence there.  <input type="radio"/> Born April 1975 or later — Turn to next page for next person <input type="radio"/> Yes, this house — Skip to 16 <input type="radio"/> No, different house	21. If this person has ever been married — a. Has this person been married more than once? <input type="radio"/> Once <input type="radio"/> More than once b. Month and year of marriage?      Month and year of first marriage?  (Month)      (Year)      (Month)      (Year)
b. Where did this person live five years ago (April 1, 1975)?  (1) State, foreign country. Puerto Rico, Guam, etc.:  <input checked="" type="checkbox"/>	c. If married more than once — Did the first marriage end because of the death of the husband (or wife)? <input type="radio"/> Yes <input type="radio"/> No
(2) County:  <input type="checkbox"/>	
(3) City, town, village, etc.:  <input type="checkbox"/>	
(4) Inside the incorporated (legal) limits of that city, town, village, etc.?  <input type="radio"/> Yes <input type="radio"/> No, in unincorporated area	

ANSWER THESE QUESTIONS FOR

22a. Did this person work at any time last week?  <input type="radio"/> Yes — Fill this circle if this person worked full time or part time. <input checked="" type="checkbox"/> (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.) <input type="radio"/> No — Fill this circle if this person did not work, or did only own housework, school work, or volunteer work.	Skip to 25
b. How many hours did this person work last week (at all jobs)?  Subtract any time off; add overtime or extra hours worked.  Hours _____	
23. At what location did this person work last week?  If this person worked at more than one location, print where he or she worked most last week. If one location cannot be specified, see instruction guide.  a. Address (Number and street) _____  If street address is not known, enter the building name, shopping center, or other physical location description.	
b. Name of city, town, village, borough, etc.  _____	
c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.?  <input type="radio"/> Yes <input type="radio"/> No, in unincorporated area	
d. County  <input checked="" type="checkbox"/>	
e. State _____	f. ZIP Code _____
24a. Last week, how long did it usually take this person to get from home to work (one way)?  Minutes _____	
b. How did this person usually get to work last week?  If this person used more than one method, give the one usually used for most of the distance.  <input type="radio"/> Car <input type="radio"/> Taxicab <input type="radio"/> Truck <input checked="" type="checkbox"/> Motorcycle <input type="radio"/> Van <input type="radio"/> Bicycle <input type="radio"/> Bus or streetcar <input type="radio"/> Walked only <input type="radio"/> Railroad <input type="radio"/> Worked at home <input type="radio"/> Subway or elevated <input type="radio"/> Other — Specify _____  If car, truck, or van in 24b, go to 24c. Otherwise, skip to 28.	
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Per. 11. <input checked="" type="checkbox"/> 13b. <input type="checkbox"/> 14. <input checked="" type="checkbox"/> 15b. <input type="checkbox"/> 23. <input checked="" type="checkbox"/> VL 24a. <input type="checkbox"/>	0 0 0      0 0 0      0 0 0      0 0 0      0 0 0      0 0 0      0 0 0      0 0 0      0 0 0      0 0 0 I I I      I I I      I I I      I I I      I I I      I I I      I I I      I I I      I I I      I I I 2 2 2      2 2 2      2 2 2      2 2 2      2 2 2      2 2 2      2 2 2      2 2 2      2 2 2      2 2 2 3 3 3      3 3 3      3 3 3      3 3 3      3 3 3      3 3 3      3 3 3      3 3 3      3 3 3      3 3 3 4 4 4      4 4 4      4 4 4      4 4 4      4 4 4      4 4 4      4 4 4      4 4 4      4 4 4      4 4 4 5 5 5      5 5 5      5 5 5      5 5 5      5 5 5      5 5 5      5 5 5      5 5 5      5 5 5      5 5 5 6 6 6      6 6 6      6 6 6      6 6 6      6 6 6      6 6 6      6 6 6      6 6 6      6 6 6      6 6 6 7 7 7      7 7 7      7 7 7      7 7 7      7 7 7      7 7 7      7 7 7      7 7 7      7 7 7      7 7 7 8 8 8      8 8 8      8 8 8      8 8 8      8 8 8      8 8 8      8 8 8      8 8 8      8 8 8      8 8 8 9 9 9      9 9 9      9 9 9      9 9 9      9 9 9      9 9 9      9 9 9      9 9 9      9 9 9      9 9 9

# Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

**PERSON 1 ON PAGE 2**

**Page 7**

<p>c. When going to work last week, did this person usually —</p> <p><input type="radio"/> Drive alone — <b>Skip to 28</b>      <input type="radio"/> Drive others only  <input type="radio"/> Share driving      <input type="radio"/> Ride as passenger only</p> <p>d. How many people, including this person, usually rode to work in the car, truck, or van last week?</p> <p><input type="radio"/> 2      <input checked="" type="checkbox"/> 4      <input type="radio"/> 6  <input type="radio"/> 3      <input type="radio"/> 5      <input checked="" type="checkbox"/> 7 or more</p> <p><i>After answering 24d, skip to 28.</i></p> <p>25. Was this person temporarily absent or on layoff from a job or business <u>last week</u>?</p> <p><input type="radio"/> Yes, on layoff  <input type="radio"/> Yes, on vacation, temporary illness, labor dispute, etc.  <input type="radio"/> No</p> <p>26a. Has this person been looking for work during the last 4 weeks?</p> <p><input type="radio"/> Yes      <input type="radio"/> No — <b>Skip to 27</b></p> <p>b. Could this person have taken a job <u>last week</u>?</p> <p><input type="radio"/> No, already has a job      <input checked="" type="checkbox"/>  <input type="radio"/> No, temporarily ill  <input type="radio"/> No, other reasons (in school, etc.)      <input checked="" type="checkbox"/>  <input type="radio"/> Yes, could have taken a job</p> <p>27. When did this person last work, even for a few days?</p> <p><input type="radio"/> 1980      <input type="radio"/> 1978      <input type="radio"/> 1970 to 1974      <input type="radio"/> 1969 or earlier      <input type="radio"/> Never worked      <b>Skip to 31d</b></p> <p>28—30. Current or most recent job activity</p> <p><i>Describe clearly this person's chief job activity or business last week.</i>  <i>If this person had more than one job, describe the one at which this person worked the most hours.</i>  <i>If this person had no job or business last week, give information for last job or business since 1975.</i></p> <p>a. For whom did this person work? If now on active duty in the Armed Forces, print "AF" and skip to question 31.</p> <p>(Name of company, business, organization, or other employer)</p> <p>b. What kind of business or industry was this?  <i>Describe the activity at location where employed.</i></p> <p>(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)      <input checked="" type="checkbox"/></p> <p>c. Is this mainly — (Fill one circle)</p> <p>Manufacturing      <input checked="" type="checkbox"/> Retail trade  Wholesale trade      <input type="radio"/> Other — (agriculture, construction, service, government, etc.)</p> <p>29. Occupation</p> <p>a. What kind of work was this person doing?</p> <p>(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)      <input checked="" type="checkbox"/></p> <p>b. What were this person's most important activities or duties?</p> <p>(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)      <input checked="" type="checkbox"/></p> <p>30. Was this person — (Fill one circle)</p> <p>Employee of private company, business, or individual, for wages, salary, or commissions      <input checked="" type="checkbox"/>  Federal government employee      <input type="radio"/>  State government employee      <input type="radio"/>  Local government employee (city, county, etc.)      <input type="radio"/>  Self-employed in own business, professional practice, or farm —  Own business not incorporated      <input type="radio"/>  Own business incorporated      <input type="radio"/>  Working without pay in family business or farm      <input type="radio"/></p>		<p>31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?</p> <p><input type="radio"/> Yes      <input checked="" type="checkbox"/>      <input type="radio"/> No — <b>Skip to 31d</b></p> <p>b. How many weeks did this person work in 1979?  <i>Count paid vacation, paid sick leave, and military service.</i></p> <p style="text-align: center;">Weeks</p> <p>31b.      31c.      31d.</p> <table style="margin-left: auto; margin-right: auto;"> <tbody> <tr><td>I      0      0</td><td>I      1      1</td><td>I      1      1</td></tr> <tr><td>II      2      2</td><td>II      2      2</td><td>II      2      2</td></tr> <tr><td>III      3      3</td><td>III      3      3</td><td>III      3      3</td></tr> <tr><td>IV      4      4</td><td>IV      4      4</td><td>IV      4      4</td></tr> <tr><td>V      5      5</td><td>V      5      5</td><td>V      5      5</td></tr> <tr><td>VI      6      6</td><td>VI      6      6</td><td>VI      6      6</td></tr> <tr><td>VII      7      7</td><td>VII      7      7</td><td>VII      7      7</td></tr> <tr><td>VIII      8      8</td><td>VIII      8      8</td><td>VIII      8      8</td></tr> <tr><td>IX      9      9</td><td>IX      9      9</td><td>IX      9      9</td></tr> </tbody> </table> <p>c. During the weeks worked in 1979, how many hours did this person usually work each week?</p> <p style="text-align: center;">Hours</p> <p>32a.      32b.</p> <table style="margin-left: auto; margin-right: auto;"> <tbody> <tr><td>I      0      0      0</td><td>I      1      1      1</td></tr> <tr><td>II      2      2      2</td><td>II      2      2      2</td></tr> <tr><td>III      3      3      3</td><td>III      3      3      3</td></tr> <tr><td>IV      4      4      4</td><td>IV      4      4      4</td></tr> <tr><td>V      5      5      5</td><td>V      5      5      5</td></tr> <tr><td>VI      6      6      6</td><td>VI      6      6      6</td></tr> <tr><td>VII      7      7      7</td><td>VII      7      7      7</td></tr> <tr><td>VIII      8      8      8</td><td>VIII      8      8      8</td></tr> <tr><td>IX      9      9      9</td><td>IX      9      9      9</td></tr> <tr><td>A      0      0      A</td><td>A      0      0      A</td></tr> </tbody> </table> <p>d. Of the weeks not worked in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?</p> <p style="text-align: center;">Weeks</p> <p>32a.      32b.</p> <table style="margin-left: auto; margin-right: auto;"> <tbody> <tr><td>I      0      0      0</td><td>I      1      1      1</td></tr> <tr><td>II      2      2      2</td><td>II      2      2      2</td></tr> <tr><td>III      3      3      3</td><td>III      3      3      3</td></tr> <tr><td>IV      4      4      4</td><td>IV      4      4      4</td></tr> <tr><td>V      5      5      5</td><td>V      5      5      5</td></tr> <tr><td>VI      6      6      6</td><td>VI      6      6      6</td></tr> <tr><td>VII      7      7      7</td><td>VII      7      7      7</td></tr> <tr><td>VIII      8      8      8</td><td>VIII      8      8      8</td></tr> <tr><td>IX      9      9      9</td><td>IX      9      9      9</td></tr> <tr><td>A      0      0      A</td><td>A      0      0      A</td></tr> </tbody> </table> <p>32c.      32d.</p> <table style="margin-left: auto; margin-right: auto;"> <tbody> <tr><td>I      1      1      1</td><td>I      1      1      1</td></tr> <tr><td>II      2      2      2</td><td>II      2      2      2</td></tr> <tr><td>III      3      3      3</td><td>III      3      3      3</td></tr> <tr><td>IV      4      4      4</td><td>IV      4      4      4</td></tr> <tr><td>V      5      5      5</td><td>V      5      5      5</td></tr> <tr><td>VI      6      6      6</td><td>VI      6      6      6</td></tr> <tr><td>VII      7      7      7</td><td>VII      7      7      7</td></tr> <tr><td>VIII      8      8      8</td><td>VIII      8      8      8</td></tr> <tr><td>IX      9      9      9</td><td>IX      9      9      9</td></tr> <tr><td>A      0      0      A</td><td>A      0      0      A</td></tr> </tbody> </table> <p>32e.      32f.</p> <table style="margin-left: auto; margin-right: auto;"> <tbody> <tr><td>I      1      1</td><td>I      1      1</td></tr> <tr><td>II      2      2</td><td>II      2      2</td></tr> <tr><td>III      3      3</td><td>III      3      3</td></tr> <tr><td>IV      4      4</td><td>IV      4      4</td></tr> <tr><td>V      5      5</td><td>V      5      5</td></tr> <tr><td>VI      6      6</td><td>VI      6      6</td></tr> <tr><td>VII      7      7</td><td>VII      7      7</td></tr> <tr><td>VIII      8      8</td><td>VIII      8      8</td></tr> <tr><td>IX      9      9</td><td>IX      9      9</td></tr> <tr><td>A      0      0</td><td>A      0      0</td></tr> </tbody> </table> <p>e. Own farm...  <i>Report net income after operating expenses. Include earnings as a tenant farmer or sharecropper.</i></p> <p><input type="radio"/> Yes → \$ .00  <input type="radio"/> No      (Annual amount — Dollars)</p> <p>f. Interest, dividends, royalties, or net rental income...  <i>Report even small amounts credited to an account.</i></p> <p><input type="radio"/> Yes → \$ .00  <input type="radio"/> No      (Annual amount — Dollars)</p> <p>g. Social Security or Railroad Retirement...  <input checked="" type="checkbox"/> Yes → \$ .00  <input type="radio"/> No      (Annual amount — Dollars)</p> <p>f. Supplemental Security (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments...  <input type="radio"/> Yes → \$ .00  <input type="radio"/> No      (Annual amount — Dollars)</p> <p>g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly...  <i>Exclude lump-sum payments such as money from an inheritance or the sale of a home.</i></p> <p><input checked="" type="checkbox"/> Yes → \$ .00  <input type="radio"/> No      (Annual amount — Dollars)</p> <p>33. What was this person's total income in 1979?  <i>Add entries in questions 32a through g; subtract any losses.</i>      \$ .00  <i>If total amount was a loss, write "Loss" above amount.</i>      OR      <input type="radio"/> None</p>	I      0      0	I      1      1	I      1      1	II      2      2	II      2      2	II      2      2	III      3      3	III      3      3	III      3      3	IV      4      4	IV      4      4	IV      4      4	V      5      5	V      5      5	V      5      5	VI      6      6	VI      6      6	VI      6      6	VII      7      7	VII      7      7	VII      7      7	VIII      8      8	VIII      8      8	VIII      8      8	IX      9      9	IX      9      9	IX      9      9	I      0      0      0	I      1      1      1	II      2      2      2	II      2      2      2	III      3      3      3	III      3      3      3	IV      4      4      4	IV      4      4      4	V      5      5      5	V      5      5      5	VI      6      6      6	VI      6      6      6	VII      7      7      7	VII      7      7      7	VIII      8      8      8	VIII      8      8      8	IX      9      9      9	IX      9      9      9	A      0      0      A	A      0      0      A	I      0      0      0	I      1      1      1	II      2      2      2	II      2      2      2	III      3      3      3	III      3      3      3	IV      4      4      4	IV      4      4      4	V      5      5      5	V      5      5      5	VI      6      6      6	VI      6      6      6	VII      7      7      7	VII      7      7      7	VIII      8      8      8	VIII      8      8      8	IX      9      9      9	IX      9      9      9	A      0      0      A	A      0      0      A	I      1      1      1	I      1      1      1	II      2      2      2	II      2      2      2	III      3      3      3	III      3      3      3	IV      4      4      4	IV      4      4      4	V      5      5      5	V      5      5      5	VI      6      6      6	VI      6      6      6	VII      7      7      7	VII      7      7      7	VIII      8      8      8	VIII      8      8      8	IX      9      9      9	IX      9      9      9	A      0      0      A	A      0      0      A	I      1      1	I      1      1	II      2      2	II      2      2	III      3      3	III      3      3	IV      4      4	IV      4      4	V      5      5	V      5      5	VI      6      6	VI      6      6	VII      7      7	VII      7      7	VIII      8      8	VIII      8      8	IX      9      9	IX      9      9	A      0      0	A      0      0
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### GENERAL

The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing*, *1980 Census of Population*, and *1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

### PUBLICATIONS

#### Population and Housing Census Reports

**PHC80-1, Block Statistics**—These reports, which are issued on microfiche rather

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

**PHC80-2, Census Tracts**—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

**PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas**—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

**PHC80-4, Congressional Districts of the 98th Congress**—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

**PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics**—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special subsample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

**PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics**—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

### Population Census Reports

**PC80-1, Volume 1, Characteristics of the Population**—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

**PC80-1-A, Chapter A, Number of Inhabitants**—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

**PC80-1-B, Chapter B, General Population Characteristics**—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

**PC80-1-C, Chapter C, General Social and Economic Characteristics**—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

**PC80-1-D, Chapter D, Detailed Population Characteristics**—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

**PC80-2, Volume 2, Subject Reports**—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

**PC80-S1, Supplementary Reports**—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

### Housing Census Reports

**HC80-1, Volume 1, Characteristics of Housing Units**—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

**HC80-1-A, Chapter A, General Housing Characteristics**—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

**HC80-1-B, Chapter B, Detailed Housing Characteristics**—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

**HC80-2, Volume 2, Metropolitan Housing Characteristics**—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

**HC80-3, Volume 3, Subject Reports**—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

**HC80-4, Volume 4, Components of Inventory Change**—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)

with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

**HC80-5, Volume 5, Residential Finance**—This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

**HC80-S1-1, Supplementary Reports**—These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

### Evaluation and Reference Reports

**PHC80-E, Evaluation and Research Reports**—These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

**PHC80-R, Reference Reports**—These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

**PHC80-R1, Users' Guide**—This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in looseleaf form and sold in parts (R1-A, B, etc.) as they are printed.

**PHC80-R2, History**—This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

**PHC80-R3, Alphabetical Index of Industries and Occupations**—This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

**PHC80-R4, Classified Index of Industries and Occupations**—This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

**PHC80-R5, Geographic Identification Code Scheme**—This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

## COMPUTER TAPES

### Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

**STF 1**—This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

**STF 2**—This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

**STF 3**—This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.

## Appendix F.—Publication and Computer Tape Program

**STF 4**—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

**STF 5**—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

### Other Computer Tape Files

**P.L. 94-171, Population Counts**—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

### Master Area Reference Files 1 and 2 (MARF)

**MARF 1**—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

**MARF 2**—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

**Geographic Base File/Dual Independent Map Encoding (GBF/DIME)**—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

**Public-Use Microdata Samples**—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

**Census/EEO Special File**—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

### MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

### MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

**STF 1 Microfiche**—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

**STF 3 Microfiche**—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

**P.L. 94-171 Counts Microfiche**—The data from the P.L. 94-171 computer file are presented in a listing format.

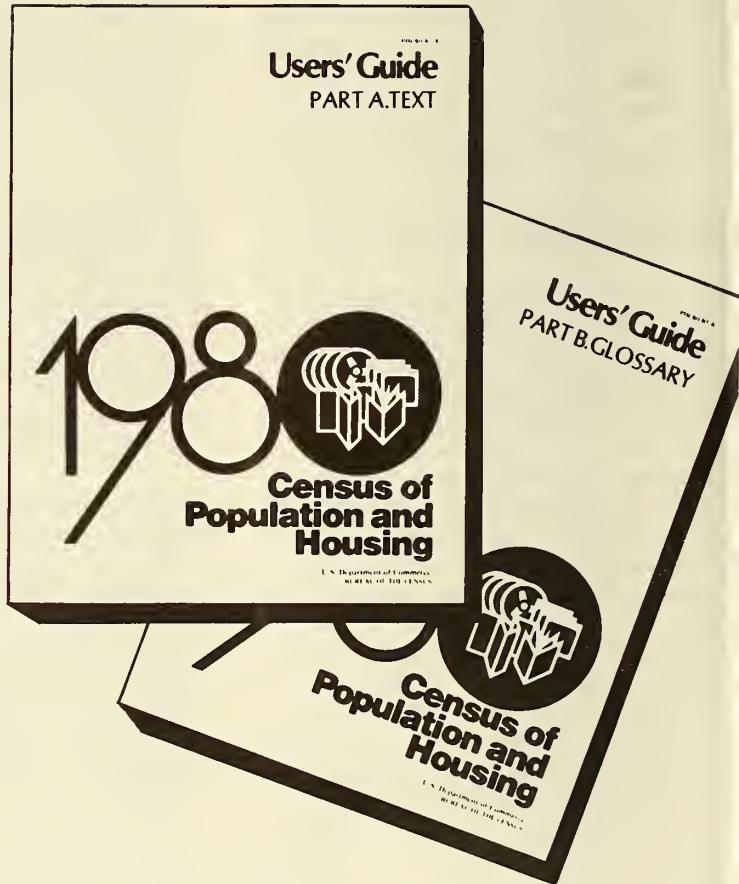
# 1980 Census of Population and Housing

## Users' Guide

The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- Part A. Text—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- Part B. Glossary—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- Sources of Assistance—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- Updates—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



Order from Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. Specify the stock number (S/N) given below and make checks payable to Superintendent of Documents.

Part A. Text (S/N 003-024-03625-8)—\$5.50. Supplement 1 (S/N 003-024-05004-8)—\$6.00 (includes Part B. Glossary, Sources of Assistance, and Updates)

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